

# New Hampshire PreHospital Dataset, Version 2.

## EMS Dataset

Trauma and Emergency Medical Services Information System Project (TEMSIS)

The New Hampshire Bureau of Emergency Medical Services EMS Uniform PreHospital Dataset, Version 2.05 is composed of two separate documents or components. This primary document describes the EMS Dataset. A secondary EMS Demographic dataset has been defined which standardizes the information specific to an EMS System. Both the EMS and the Demographic Dataset are required to implement the NHTSA Version 2 dataset.

This EMS Dataset is a subset of information describing a complete EMS event. This includes information which is considered important from an EMS system, EMS personnel, and an EMS patient's perspective. The data elements within the EMS dataset provide documentation of the system performance and clinical care. Many data elements are a component of an EMS Medical Record and the majority of the remaining data elements are important for quality management and performance improvement initiatives. The EMS dataset also includes information associated with EMS billing and reimbursement. This information is typically completed by EMS personnel for each patient encounter although some of the information can be obtained electronically from the dispatch center, past EMS medical records, or medical devices.

Information provided in this document includes the following:

- Name of the Data Element
- Definition of the Data Element
- Data Type of the Data Element (many data elements have comments provided to assist in the implementation of a database schema)
- How to deal with missing or incomplete information (See Missing Data or Null Values below)
- The Variables associated with each Data Element
- What Data Elements are associated with the Data Element (for example Date/Time Medication Administered is associated with each Medication Given Data Element)
- Whether the Data Element is part of the Data Elements to be collected in the Trauma and Emergency Medical Services Information System New Hampshire Optional (NHO)
- Whether the Data Element is part of the medical record information (Patient Care Report) or is a quality management Data Element to be used internally by the EMS system and protected by Peer Review.
- What Reports are possible through the use of the Data Element
- Who is responsible for collecting the Data Element
- How the Data Element is related to other National Data Tools such as NHTSA Version 1, NFIRS, and Utstein

Data types include:

- Binary (Graphic) = a jpg or pdf file associated with a graphic waveform from a medical device.
- Date/Time = a timestamp including the date and time.
- Long Integer = numeric data which is larger than the typical "Number" or "Integer" data type.
- Multiple Choice Combo = a list of variables of which more than one can be selected.
- Number = numeric data only often called "integer".
- Single Choice Combo = a list of variables of which only one can be selected.
- Text = can be alpha or numeric.

## How to Handle Missing Data or Null Values:

For any collection of data to be of value and reliably represent what it was intended, a strong commitment must be made to make sure incomplete data is correctly documented. The following method of ensuring data integrity must be followed with the use of the NHTSA dataset.

When data elements are being electronically stored in a database or moved from one database to another using XML, the following values should be applied when a data element is empty or contains a null value.

- **Not Reporting (Code “-15”)** = If an EMS documentation or information system is not using any of the data elements of the NHTSA dataset, the code “-15” (the value “Not Reporting”) should be inserted into the database and/or XML for that data element. This value will be stored in the database to record that the EMS system was not using that data element when the EMS event or patient encounter was documented.
- **Not Recorded (Code “-20”)** = If an EMS documentation or information system has an empty field or nothing is recorded in any of the data elements of the NHTSA dataset, the code “-20” (the value “Not Recorded”) should be inserted into the database and/or XML for that data element. This value will be stored in the database to record that the EMS Patient Care Report did not have a value for that specific data element when the EMS event or patient encounter was documented.

When data is being documented at the time of an EMS event or patient encounter and the EMS personnel or EMS system are unable to provide the information required to complete the data element, the following three values may be used:

- **Not Available (Code “-5”)** = At the time of the EMS patient care report documentation, the information was “Not Available” to the EMS personnel. This documents that the needed information did exist but the EMS personnel was unsuccessful in their attempt to obtain the information.
- **Not Known (Code “-10”)** = At the time of the EMS patient care report documentation, the information was “Not Known” to the patient, family, or EMS personnel. This documents that there was an attempt to obtain the information but it was unknown by all parties involved.
- **Not Applicable (“-25”)** = At the time of the EMS patient care report documentation, the information requested was “Not Applicable” to the EMS or patient event. The documents that there was no need to document the information since it was not applicable. As an example, it would not be necessary to document mechanism or injury related information on a patient who was not traumatized.

NHO	Data Element Name	Definition	Database Value Codes
<b>Common Values</b>			
	<b>E0 Common Values</b>  <b>THESE VALUES ARE TO BE USED IN <u>ALL</u> OF THE EMS DATA ELEMENTS DESCRIBED IN THIS DOCUMENT. PLEASE INCLUDE THESE VARIABLES IN THE IMPLEMENTATION OF THE NHTSA VERSION 2 DATASET.</b>  <b>PLEASE SEE THE DOCUMENTATION ON PAGE 2 OF THIS DOCUMENT FOR THE DEFINITIONS OF EACH OF THESE VALUES.</b>		<ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-15: Not Reporting</li> <li>-20: Not Recorded</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>These codes are <u>negative values</u> (“-5”, “-10”, etc.)</li> </ul>
<b>Section E1: Record Information</b>			
<input type="checkbox"/>	<b>E1.1 Patient Care Report Number</b>	<p>The unique number automatically assigned by the EMS Unit for each patient care report (PCR). This is a unique number to the EMS Unit for all of time.</p> <p><u>Collected by:</u> Typically the EMS Unit, but also could be generated by the 911 or dispatch center.</p>	<p>[text]</p> <ul style="list-style-type: none"> <li><u>Nullable=No, a unique value must be provided to create a unique record ID within a database.</u></li> </ul> <p><u>NHTSA 1.0 Desirable Element 23</u></p> <ul style="list-style-type: none"> <li>Title: Patient Care Record Number</li> <li>Unique Number</li> <li>Numeric Field undefined length</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Patient Number</li> <li>Unique Number</li> </ul>
<b>Section E2: Unit/Unit Information</b>			
<input type="checkbox"/>	<b>E2.1 EMS Unit Number</b>	<p>The state-assigned provider number of the responding Unit</p> <p><u>Collected by:</u> Generated by the NH Bureau of EMS . Collected by the EMS Unit or auto-generated by the EMS Unit’s documentation software.</p>	<p>[text]</p> <ul style="list-style-type: none"> <li>Same as EMS Unit Number (D1.1)</li> <li><u>Nullable=No, a unique value must be provided to create a unique record ID within a database.</u></li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: FDID</li> <li>State assigned Fire Department ID number</li> </ul>
<input type="checkbox"/>	<b>E2.2 Incident Number</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li><u>Component of the EMS Unit 911 or Dispatch information which serves as a link to identify and report other Dispatch information</u></li> </ul>	<p>The incident number assigned by the 911 Dispatch System</p> <p><u>Collected by:</u> Generated by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p>[text] appropriate value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 21</u></p> <ul style="list-style-type: none"> <li>Title: Incident Number</li> <li>Unique Number</li> <li>Numeric Field undefined length</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Incident Number</li> <li>Unique number for each Incident</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E2.3 EMS Unit (Vehicle) Response Number</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>Component of the EMS Unit 911 or Dispatch information which serves as a link to identify and report other Dispatch information</li> </ul>	<p>The internal EMS response number which is unique for each EMS unit's (vehicles) response to an incident within an Unit.</p> <p><u>Collected by:</u> Generated by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p>[text] appropriate value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 22</u></p> <ul style="list-style-type: none"> <li>Title: Response Number</li> <li>Unique Number</li> <li>Numeric Field undefined length</li> </ul>
<input type="checkbox"/>	<b>E2.4 Type of Service Requested</b>	<p>The type of service or category of service requested of the EMS Unit responding for this specific EMS incident.</p> <p><u>Collected by:</u> The EMS Unit. Could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>[single choice combo]</p> <ul style="list-style-type: none"> <li>30: 911 Response (Scene)</li> <li>35: Intercept</li> <li>40: Interfacility Transfer</li> <li>45: Medical Transport</li> <li>50: Mutual Aid</li> <li>55: Standby</li> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 20</u></p> <ul style="list-style-type: none"> <li>Title: Category of Service</li> <li>Pick-list: 1-Scene, 2-Unscheduled interfacility transfer, 3-Scheduled interfacility transfer, 4-Standby, - 5-Rendezvous, 8-Not Applicable, 9-Unknown</li> <li>Text Field Size=1 (for single digit code)</li> </ul>
<input type="checkbox"/>	<b>E2.5 Primary Roll of the Unit</b>	<p>The primary roll of the EMS service which was requested for this specific EMS incident.</p> <p><u>Collected by:</u> The EMS Unit. Could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>[single choice combo]</p> <ul style="list-style-type: none"> <li>60: Non-Transport</li> <li>65: Rescue</li> <li>70: Supervisor</li> <li>75: Transport</li> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E2.6 Type of Dispatch Delay</b>	<p>The dispatch delays, if any, associated with the dispatch of the EMS unit to the patient encounter</p> <p><u>Collected by:</u> The 911 or Dispatch Center and communicated to EMS ideally by an electronic method.</p>	<p>[multiple choice combo]</p> <ul style="list-style-type: none"> <li>80: Caller (Uncooperative)</li> <li>85: High Call Volume</li> <li>90: Language Barrier</li> <li>95: Location (Inability to Obtain)</li> <li>100: No Units Available</li> <li>105: None</li> <li>110: Other</li> <li>115: Scene Safety (Not Secure for EMS)</li> <li>120: Technical Failure (Computer, Phone, etc.)</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 56</u></p> <ul style="list-style-type: none"> <li>• Title: Factors Affecting EMS Delivery of Care</li> <li>• Pick-list: 01-Adverse Weather, 02-Adverse Road Conditions, 03-Vehicle Problems, 04-Unsafe Scene, 05-Language Barrier, 06-Prolonged Extrication (&gt;20 minutes), 07-Hazardous Material, 08-Crowd Control, 09-Other, 88-Not Applicable</li> <li>• Text Field Size=2 (for double digit code)</li> </ul>
<input type="checkbox"/>	<b>E2.7 Type of Response Delay</b>	<p>The response delays, if any, of the unit associated with the patient encounter</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <ul style="list-style-type: none"> <li>125: Crowd</li> <li>130: Directions</li> <li>135: Distance</li> <li>140: Diversion</li> <li>145: HazMat</li> <li>150: None</li> <li>155: Other</li> <li>160: Safety</li> <li>165: Staff Delay</li> <li>170: Traffic</li> <li>175: Vehicle Crash</li> <li>180: Vehicle Failure</li> <li>185: Weather</li> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 56</u></p> <ul style="list-style-type: none"> <li>• Title: Factors Affecting EMS Delivery of Care</li> <li>• Pick-list: 01-Adverse Weather, 02-Adverse Road Conditions, 03-Vehicle Problems, 04-Unsafe Scene, 05-Language Barrier, 06-Prolonged Extrication (&gt;20 minutes), 07-Hazardous Material, 08-Crowd Control, 09-Other, 88-Not Applicable</li> <li>• Text Field Size=2 (for double digit code)</li> </ul>
<input type="checkbox"/>	<b>E2.8 Type of Scene Delay</b>	<p>The scene delays, if any, of the unit associated with the patient encounter</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <ul style="list-style-type: none"> <li>190: Crowd</li> <li>195: Directions</li> <li>200: Distance</li> <li>205: Diversion</li> <li>210: Extrication &gt;20 min.</li> <li>215: HazMat</li> <li>220: Language Barrier</li> <li>225: None</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<p> <b>230: Other</b>  <b>235: Safety</b>  <b>240: Staff Delay</b>  <b>245: Traffic</b>  <b>250: Vehicle Crash</b>  <b>255: Vehicle Failure</b>  <b>260: Weather</b>  <b>- 5: Not Available</b>  <b>-10: Not Known</b>  <b>-25: Not Applicable</b> </p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul> <p><u>NHTSA 1.0 Desirable Element 56</u></p> <ul style="list-style-type: none"> <li>• <b>Title: Factors Affecting EMS Delivery of Care</b></li> <li>• <b>Pick-list: 01-Adverse Weather, 02-Adverse Road Conditions, 03-Vehicle Problems, 04-Unsafe Scene, 05-Language Barrier, 06-Prolonged Extrication (&gt;20 minutes), 07-Hazardous Material, 08-Crowd Control, 09-Other, 88-Not Applicable</b></li> <li>• <b>Text Field Size=2 (for double digit code)</b></li> </ul>
<input type="checkbox"/>	<b>E2.9 Type of Transport Delay</b>	<p>The transport delays, if any, of the unit associated with the patient encounter</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p><b>[multiple choice combo]</b></p> <p> <b>265: Crowd</b>  <b>270: Directions</b>  <b>275: Distance</b>  <b>280: Diversion</b>  <b>285: HazMat</b>  <b>290: None</b>  <b>295: Other</b>  <b>300: Safety</b>  <b>305: Staff Delay</b>  <b>310: Traffic</b>  <b>315: Vehicle Crash</b>  <b>320: Vehicle Failure</b>  <b>325: Weather</b>  <b>- 5: Not Available</b>  <b>-10: Not Known</b>  <b>-25: Not Applicable</b> </p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul> <p><u>NHTSA 1.0 Desirable Element 56</u></p> <ul style="list-style-type: none"> <li>• <b>Title: Factors Affecting EMS Delivery of Care</b></li> <li>• <b>Pick-list: 01-Adverse Weather, 02-Adverse Road Conditions, 03-Vehicle Problems, 04-Unsafe Scene, 05-Language Barrier, 06-Prolonged Extrication (&gt;20 minutes), 07-Hazardous Material, 08-Crowd Control, 09-Other, 88-Not Applicable</b></li> <li>• <b>Text Field Size=2 (for double digit code)</b></li> </ul>
<input type="checkbox"/>	<b>E2.10 Type of Turn-Around Delay</b>	<p>The turn-around delays, if any, associated with the EMS unit associated with the patient</p>	<p><b>[multiple choice combo]</b></p> <p><b>330: Clean-up</b></p>

NHO	Data Element Name	Definition	Database Value Codes
		<p>encounter</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>335: Decontamination 340: Documentation 345: ED Overcrowding 350: Equipment Failure 355: Equipment Replenishment 360: None 365: Other 370: Staff Delay 375: Vehicle Failure - 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E2.11 EMS Unit/Vehicle Number</b></p> <p><u>Possible Reports:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Important for grouping or comparing EMS information by Response Vehicle which also allows EMS information to be sorted by location in many agencies.</a></li> <li>• <a href="#">Allows EMS information at the vehicle level to better describe EMS vehicle usage and possibly maintenance.</a></li> <li>• <a href="#">A component of the EMS Medical Record (Patient Care Report).</a></li> </ul>	<p>The unique physical vehicle number of the responding unit</p> <p><u>Collected by:</u> The EMS Unit. Could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>[single choice combo] value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• List box created from EMS Unit/Vehicle Number (D6.1)</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 24</u></p> <ul style="list-style-type: none"> <li>• Title: Unit/Unit Number</li> <li>• Alpha-numeric</li> <li>• Text Field of undefined length</li> </ul>
<input type="checkbox"/>	<p><b>E2.12 EMS Unit Call Sign (Radio Number)</b></p>	<p>The EMS unit number used to dispatch and communicate with the unit. This may be the same as the EMS Unit/Vehicle Number in many agencies.</p> <p><u>Collected by:</u> The EMS Unit. Could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>[single choice combo]</p> <ul style="list-style-type: none"> <li>• List box created from Unit Call Sign (D6.2)</li> <li>• <b><u>Nullable=No, a value must be provided to create a unique record ID within a database.</u></b></li> </ul>
<input type="checkbox"/>	<p><b>E2.13 Vehicle Dispatch Location</b></p> <p><u>Reports:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Important for grouping or comparing EMS information by dispatch location which also allows EMS information to be sorted by geographic response areas in many agencies.</a></li> <li>• <a href="#">Provides information on overall response patterns and times which can be used for Unit</a></li> </ul>	<p>The station (or hospital) name representing the geographic location of the vehicle at the time of dispatch</p> <p><u>Collected by:</u> The EMS Unit. Could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>[single choice combo] value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• List box could be created from Station Name (D5.1), Hospitals Served (D4.11), and Other Destinations (D4.13)</li> <li>• Nullable=See E0</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Station Number</li> </ul>



NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">configuration and evaluation.</a>		<ul style="list-style-type: none"> <li>The Fire Department Station number of the first arriving unit</li> </ul>
<input type="checkbox"/>	<b>E2.14 Vehicle Dispatch Zone</b>  <u>Reports:</u> <ul style="list-style-type: none"> <li><a href="#">Important for grouping or comparing EMS information by dispatch location which also allows EMS information to be sorted by geographic response areas in many agencies.</a></li> <li><a href="#">Provides information on overall response patterns and times which can be used for Unit configuration and evaluation.</a></li> </ul>	Geographic zone representing the location of the responding vehicle at the time of dispatch.  <u>Collected by:</u> The EMS Unit. Could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.	[ <b>single choice combo</b> ] value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>List box created from Zones (D4.3)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E2.15 Vehicle Dispatch GPS Location</b>  <u>Reports:</u> <ul style="list-style-type: none"> <li><a href="#">Important for grouping or comparing EMS information by dispatch location which also allows EMS information to be sorted by geographic response areas in many agencies.</a></li> <li><a href="#">Provides information on overall response patterns and times which can be used for Unit configuration and evaluation.</a></li> </ul>	The GPS coordinates associated with the EMS unit at the time of dispatch.  <u>Collected by:</u> The EMS Unit. Could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.	[ <b>text</b> ] value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E2.16 Beginning Odometer Reading of Responding Vehicle</b>  <u>Reports:</u> <ul style="list-style-type: none"> <li><a href="#">Important for grouping or comparing EMS information by dispatch location which also allows EMS information to be sorted by geographic response areas in many agencies.</a></li> <li><a href="#">Provides information to assist in the evaluation of overall response patterns and times which can be used for Unit configuration and evaluation.</a></li> <li><a href="#">Important component of billing.</a></li> </ul>	The mileage (odometer reading) of the vehicle at the beginning of the call (when the wheels begin moving)  <u>Collected by:</u> The EMS personnel.	[ <b>number</b> ] value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Number recorded with one digit to the right of decimal</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E2.17 On-Scene Odometer Reading of Responding Vehicle</b>	The mileage (odometer reading) of the vehicle when it arrives at the patient  <u>Collected by:</u>	[ <b>number</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable



NHO	Data Element Name	Definition	Database Value Codes
	<b>Reports:</b> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by dispatch location which also allows EMS information to be sorted by geographic response areas in many agencies.</li> <li>Provides information to assist in the evaluation of overall response patterns and times which can be used for Unit configuration and evaluation.</li> <li>Important component of billing.</li> </ul>	The EMS personnel.	<ul style="list-style-type: none"> <li>Number recorded with one digit to the right of decimal</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E2.18 Patient Destination Odometer Reading of Responding Vehicle</b>  <b>Reports:</b> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by dispatch location which also allows EMS information to be sorted by geographic response areas in many agencies.</li> <li>Provides information to assist in the evaluation of overall response patterns and times which can be used for Unit configuration and evaluation.</li> <li>Important component of billing.</li> </ul>	The mileage (odometer reading) of the vehicle when it arrives at the patient's destination  <u>Collected by:</u> The EMS personnel.	[ <b>number</b> ] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Number recorded with one digit to the right of decimal</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E2.19 Ending Odometer Reading of Responding Vehicle</b>  <b>Reports:</b> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by dispatch location which also allows EMS information to be sorted by geographic response areas in many agencies.</li> <li>Provides information to assist in the evaluation of overall response patterns and times which can be used for Unit configuration and evaluation.</li> <li>Important component of billing.</li> </ul>	The ending mileage (odometer reading) of the vehicle (at time back in service)  <u>Collected by:</u> The EMS personnel.	[ <b>number</b> ] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Number recorded with one digit to the right of decimal</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E2.20 Response Mode to Scene</b>	Indication whether or not lights and/or sirens were used on the vehicle on the way to the scene  <u>Collected by:</u>	[ <b>single choice combo</b> ]  <b>380: Initial Lights and Sirens, Downgraded to No Lights or Sirens</b> <b>385: Initial No Lights or Sirens, Upgraded to Lights and Sirens</b>

NHO	Data Element Name	Definition	Database Value Codes
		The EMS Unit. Could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.	<b>390: Lights and Sirens</b> <b>395: No Lights or Sirens</b> <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b>  • <b>Nullable=See E0</b>  <b>NHTSA 1.0 Essential Element 19</b> • <b>Title: Lights and Sirens to Scene</b> • <b>Pick-List: 1-Non-Emergent, no lights or sirens, 2-Initial Emergent, downgraded to no lights or sirens, 3-Initial Non-Emergent, upgraded to lights and sirens, 4-Emergent, with lights and sirens, 8-Not Applicable</b> • <b>Text Field Size=1 (for single digit code)</b>
<b>Section E3: Unit/Call Information</b>			
<input type="checkbox"/>	<b>E3.1 Complaint Reported by Dispatch</b>	The complaint dispatch reported to the responding unit.  <u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.	<b>[single choice combo]</b>  <b>400: Abdominal Pain</b> <b>405: Allergies</b> <b>410: Animal Bite</b> <b>415: Assault</b> <b>420: Back Pain</b> <b>425: Breathing Problem</b> <b>430: Burns</b> <b>435: CO Poisoning/Hazmat</b> <b>440: Cardiac Arrest</b> <b>445: Chest Pain</b> <b>450: Choking</b> <b>455: Convulsions/Seizure</b> <b>460: Diabetic Problem</b> <b>465: Drowning</b> <b>470: Electrocution</b> <b>475: Eye Problem</b> <b>480: Fall Victim</b> <b>485: Headache</b> <b>490: Heart Problems</b> <b>495: Heat/Cold Exposure</b> <b>500: Hemorrhage/Laceration</b> <b>505: Industrial Accident</b> <b>510: Ingestion/Poisoning</b> <b>515: Pregnancy/Childbirth</b> <b>520: Psychiatric Problems</b> <b>525: Sick Person</b> <b>530: Stab/Gunshot Wound</b> <b>535: Stroke/CVA</b> <b>540: Traffic Accident</b> <b>545: Traumatic Injury</b> <b>550: Unconscious/Fainting</b> <b>555: Unknown Problem/Man Down</b> <b>560: Transfer/Interfacility/Palliative Care</b> <b>565: MCI</b> <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b>

NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul> <p><u>NHTSA EMD Chief Complaint Types</u></p> <ul style="list-style-type: none"> <li>• Abdominal Pain = 1, Allergies = 2, Animal Bite = 3, Assault = 4, Back Pain = 5, Breathing Problem = 6, Burns = 7, CO Poisoning/Hazmat = 8, Cardiac Arrest = 9, Chest Pain = 10, Choking = 11, Convulsions/Seizure = 12, Diabetic Problem = 13, Drowning = 14, Electrocutation = 15, Eye Problem = 16, Fall Victim = 17, Headache = 18, Heart Problems = 19, Heat/Cold Exposure = 20, Hemorrhage/Laceration = 21, Industrial Accident = 22, Ingestion/Poisoning = 23, Pregnancy/Children = 24, Psychiatric Problems = 25, Sick Person = 26, Stab/Gunshot Wound = 27, Stroke/CVA = 28, Traffic Accident = 29, Traumatic Injury = 30, Unconscious/Fainting = 31, Unknown Problem/Man Down = 32</li> </ul>
<input type="checkbox"/>	<b>E3.2 EMD Performed</b>	<p>Indication of whether EMD was performed for this EMS event.</p> <p><u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p>[single choice combo]</p> <p><b>570:</b> Yes, With Pre-Arrival Instructions <b>575:</b> Yes, Without Pre-Arrival Instructions <b>0:</b> No <b>- 5:</b> Not Available <b>-10:</b> Not Known <b>-25:</b> Not Applicable</p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E3.3 EMD Card Number</b> <p><u>Reports:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Provides important data associated with the telephone triage and categorization of the EMS event.</a></li> <li>• <a href="#">Used for quality management when evaluating and comparing dispatch and on-scene evaluations.</a></li> </ul>	<p>The EMD card number reported by dispatch, consisting of the card number, dispatch level, and dispatch mode</p> <p><u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p>[text] value or</p> <p><b>- 5:</b> Not Available <b>-10:</b> Not Known <b>-25:</b> Not Applicable</p> <ul style="list-style-type: none"> <li>• The alpha-numeric value (grouped or concatenated) associated with the EMD card number, followed by the Dispatch Level, followed by the Dispatch Mode.</li> <li>• <b>Nullable=See E0</b></li> </ul>
<b>Section E4: Unit/Personnel Information</b>			
<input type="checkbox"/>	<b>E4.1 Crew Member ID</b> <p><u>Reports:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Associates and EMS event with specific EMS personnel.</a></li> <li>• <a href="#">Useful for reporting EMS personnel statistics related to EMS events and for evaluation of EMS personnel performance.</a></li> <li>• <a href="#">A component of the EMS Medical</a></li> </ul>	<p>The State Certification/Licensure ID number assigned to the crew member</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[text] value or</p> <p><b>- 5:</b> Not Available <b>-10:</b> Not Known <b>-25:</b> Not Applicable</p> <ul style="list-style-type: none"> <li>• A multiple entry configuration to allow all crew members to be entered</li> <li>• List box created from the State/ Licensure ID Number (D7.2) which could display the</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">Record (Patient Care Report).</a>		<p>Personnel's Names as associated with D8.1, D8.2, and D8.3 for easy data entry.</p> <ul style="list-style-type: none"> <li>• Associated with E4.2 and E4.3</li> <li>• Linked to State/Licensure ID Number (D7.2)</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 26, 27, Desirable 28</u></p> <ul style="list-style-type: none"> <li>• Title: Crew Member Number</li> <li>• Alpha-numeric entry</li> <li>• Text Field undefined length</li> </ul>
<input type="checkbox"/>	<p><b>E4.2 Crew Member Role</b></p> <p><b>Reports:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Associates and EMS event with specific EMS personnel.</a></li> <li>• <a href="#">Useful for reporting EMS personnel statistics related to EMS events and for evaluation of EMS personnel performance.</a></li> <li>• <a href="#">A component of the EMS Medical Record (Patient Care Report).</a></li> </ul>	<p>The role of the crew member during transport of this call.</p> <ul style="list-style-type: none"> <li>• Driver is defined as the driver during the time of patient transport or during the response if there was not transport required.</li> <li>• Primary Patient Care Giver is defined as the individual responsible for the patient care during the transport of the patient, or if no transport, the individual responsible for the assessment and treatment of the patient on scene.</li> <li>• Secondary Patient Care Giver is defined as the individual assisting the Primary Patient Care Giver.</li> <li>• Third Patient Care Giver is defined as the individual assisting the Primary and Secondary Patient Care Givers.</li> </ul> <p><b>Collected by:</b> The EMS personnel.</p>	<p>[single choice combo]</p> <p><b>580: Driver</b>  <b>585: Primary Patient Caregiver</b>  <b>590: Secondary Patient Caregiver</b>  <b>595: Third Patient Caregiver</b>  <b>600: Other</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Associated with E4.1</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E4.3 Crew Member Level</b></p> <p><b>Reports:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Associates and EMS event with specific EMS personnel.</a></li> <li>• <a href="#">Useful for reporting EMS personnel statistics related to EMS events and for evaluation of EMS personnel performance.</a></li> <li>• <a href="#">A component of the EMS Medical Record (Patient Care Report).</a></li> </ul>	<p>The functioning level of the crew member during this EMS patient encounter.</p> <p><b>Collected by:</b> The EMS personnel.</p>	<p>[single choice combo]</p> <p><b>605: First Responder</b>  <b>610: EMT Basic</b>  <b>615: EMT Intermediate</b>  <b>620: EMT Paramedic</b>  <b>625: Nurse</b>  <b>630: Physician</b>  <b>635: Student</b>  <b>640: Other Healthcare Professional</b>  <b>645: Other Non-Healthcare Professional</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• This list can be edited by each state to account for additional certification/</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<p>licensure levels as defined in (D4.1) and Personnel's Highest Level of Certification/ Licensure for the Unit (D7.5).</p> <ul style="list-style-type: none"> <li>• Could be auto-filled using Crew Member ID (E4.1) and connecting to State/ Licensure ID Number (D7.2) to obtain Personnel's Highest Level of Certification/ Licensure for Unit (D7.5)</li> <li>• Associated with E4.1</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 29, 30, Desirable 31</u></p> <ul style="list-style-type: none"> <li>• Title: Crew Member Type</li> <li>• Pick-List: 1-First Responder, 2- EMT Basic, 3-EMT Intermediate, 4-EMT Paramedic, - 5- Nurse, 6-Physician, 7-Other Health Care Professional, 8-None of the Above, 9- Unknown</li> <li>• Text Field Size=1 (for single digit code)</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Initial Level of FD Provider</li> <li>• Pick-List: First Responder = 1, EMT-B (Basic) = 2, EMT-I (Intermediate) = 3, EMT-P (Paramedic) = 4, Other Health Care Provider, Includes Doctors, Nurses, etc. = O, No Training = N</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Highest Level of Provider on Scene by the Fire Department</li> <li>• Pick-List: First Responder = 1, EMT-B (Basic) = 2, EMT-I (Intermediate) = 3, EMT-P (Paramedic) = 4, Other Health Care Provider, Includes Doctors, Nurses, etc. = O, No Care Provided = N</li> </ul>
<b>Section E5: Times</b>			
<input type="checkbox"/>	<p><b>E5.1 Incident or Onset Date/Time</b></p> <p><u>Reports:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Important to identify when the clinical event started to better analyze EMS resource utilization and outcomes.</a></li> <li>• <a href="#">Provides descriptive information on the use of the EMS Unit.</a></li> </ul>	<p>The date/time the injury occurred, or the date/time the symptoms or problem started</p> <p><u>Collected by:</u> Collected by the 911, the Dispatch Center, or the EMS Unit and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p>[date/time]</p> <ul style="list-style-type: none"> <li>• If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Elements 6 and 7</u></p> <ul style="list-style-type: none"> <li>• Title: Onset Date and Time</li> <li>• Date and Time defined as YYYYMMDD and HHMM (FIPS)</li> </ul> <p><u>NFIRS 5.0 Basic Module 1</u></p> <ul style="list-style-type: none"> <li>• Title: Incident Date</li> <li>• Date Field defined as YYYYMMDD or blank</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E5.2 PSAP Call Date/Time</b>	<p>The date/time the phone rings (911 call to public safety answering point or other designated entity) requesting EMS services.</p> <p><u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p>[date/time]</p> <ul style="list-style-type: none"> <li>If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Elements 8 and 9</u></p> <ul style="list-style-type: none"> <li>Title: Date/Time Incident Reported</li> <li>Date and Time defined as YYYYMMDD and HHMM (FIPS)</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Incident Date</li> <li>The date the Fire Department received the incident alarm</li> </ul>
<input type="checkbox"/>	<b>E5.3 Dispatch Notified Date/Time</b> <p><u>Reports:</u></p> <ul style="list-style-type: none"> <li><a href="#">Provides information on how EMS requests are progressing through the PSAP and Dispatch Centers.</a></li> <li><a href="#">Used in the Quality Management evaluation of the PSAP and Dispatch Centers.</a></li> </ul>	<p>The date/time dispatch was notified by the 911 call taker (if a separate entity)</p> <p><u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p>[date/time]</p> <ul style="list-style-type: none"> <li>If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 10</u></p> <ul style="list-style-type: none"> <li>Title: Time Dispatch Notified</li> <li>Time defined as HHMM (FIPS)</li> </ul>
<input type="checkbox"/>	<b>E5.4 Unit Notified by Dispatch Date/Time</b>	<p>The date the responding unit was notified by dispatch</p> <p><u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p>[date/time]</p> <ul style="list-style-type: none"> <li>If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li><b><u>Nullable=No, a value must be provided to create a unique record ID within a database.</u></b></li> </ul> <p><u>NHTSA 1.0 Essential Elements 11 and 12</u></p> <ul style="list-style-type: none"> <li>Title: Date/Time Unit Notified</li> <li>Date and Time defined as YYYYMMDD and HHMM (FIPS)</li> </ul>
<input type="checkbox"/>	<b>E5.5 Unit En Route Date/Time</b>	<p>The date/time the unit responded; that is, the time the vehicle started moving</p> <p><u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally</p>	<p>[date/time]</p> <ul style="list-style-type: none"> <li>If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> </ul> </li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
		electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.	<b>-10: Not Known</b> <b>-25: Not Applicable</b> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul> <u>NHTSA 1.0 Essential Element 13</u> <ul style="list-style-type: none"> <li>• <b>Title: Time Unit Responding</b></li> <li>• <b>Time defined as HHMM (FIPS)</b></li> </ul>
<input type="checkbox"/>	<b>E5.6 Unit Arrived on Scene Date/Time</b>	<p>The date/time the responding unit arrived on the scene; that is, the time the vehicle stopped moving</p> <p><u>Collected by:</u>            Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p><b>[date/time]</b></p> <ul style="list-style-type: none"> <li>• <b>If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the following values can also be used:</b> <ul style="list-style-type: none"> <li>- <b>5: Not Available</b></li> <li>- <b>10: Not Known</b></li> <li>- <b>25: Not Applicable</b></li> </ul> </li> <li>• <b>Nullable=See E0</b></li> </ul> <u>NHTSA 1.0 Essential Element 14</u> <ul style="list-style-type: none"> <li>• <b>Title: Time of Arrival at Scene</b></li> <li>• <b>Time defined as HHMM (FIPS)</b></li> </ul>
<input type="checkbox"/>	<b>E5.7 Arrived at Patient Date/Time</b>	<p>The date/time the responding unit arrived at the patient's side</p> <p><u>Collected by:</u>            Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p><b>[date/time]</b></p> <ul style="list-style-type: none"> <li>• <b>If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the following values can also be used:</b> <ul style="list-style-type: none"> <li>- <b>5: Not Available</b></li> <li>- <b>10: Not Known</b></li> <li>- <b>25: Not Applicable</b></li> </ul> </li> <li>• <b>Nullable=See E0</b></li> </ul> <u>NHTSA 1.0 Desirable Element 15</u> <ul style="list-style-type: none"> <li>• <b>Title: Time of Arrival at Patient</b></li> <li>• <b>Time defined as HHMM (FIPS)</b></li> </ul> <u>NFIRS 5.0: EMS Module</u> <ul style="list-style-type: none"> <li>• <b>Title: Date/Time Arrived</b></li> <li>• <b>The date and time fire fighters arrived at the patient.</b></li> </ul>
<input type="checkbox"/>	<b>E5.8 Transfer of Patient Care Date/Time</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li>• <a href="#">Provides documentation of how the patient progresses through the EMS Unit.</a></li> <li>• <a href="#">Important for Quality Management when the patient is cared for by more than one EMS Unit.</a></li> </ul>	<p>The date/time the patient was transferred from this EMS Unit to another EMS Unit for care.</p> <p><u>Collected by:</u>            Collected by the 911 or Dispatch Center and the EMS personnel. Ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.</p>	<p><b>[date/time]</b></p> <ul style="list-style-type: none"> <li>• <b>If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the following values can also be used:</b> <ul style="list-style-type: none"> <li>- <b>5: Not Available</b></li> <li>- <b>10: Not Known</b></li> <li>- <b>25: Not Applicable</b></li> </ul> </li> <li>• <b>Nullable=See E0</b></li> </ul> <u>NFIRS 5.0: EMS Module</u> <ul style="list-style-type: none"> <li>• <b>Title: Date/Time Transfer</b></li> <li>• <b>The date and time fire fighters transferred the care of the patient to another EMS Unit.</b></li> </ul>
<input type="checkbox"/>	<b>E5.9 Unit Left Scene Date/Time</b>	The date/time the responding unit left the scene (started	<b>[date/time]</b>



NHO	Data Element Name	Definition	Database Value Codes
		moving)  <u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.	<ul style="list-style-type: none"> <li>If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Essential Element 16</u> <ul style="list-style-type: none"> <li>Title: Time Unit Left Scene</li> <li>Time defined as HHMM (FIPS)</li> </ul>
<input type="checkbox"/>	<b>E5.10 Patient Arrived at Destination Date/Time</b>	The date/time the responding unit arrived with the patient at the destination or transfer point  <u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.	[ <b>date/time</b> ] <ul style="list-style-type: none"> <li>If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Essential Element 17</u> <ul style="list-style-type: none"> <li>Title: Time of Arrival at Destination</li> <li>Time defined as HHMM (FIPS)</li> </ul>
<input type="checkbox"/>	<b>E5.11 Unit Back in Service Date/Time</b>	The date/time the unit back was back in service and available for response (finished with call, but not necessarily back in home location)  <u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.	[ <b>date/time</b> ] <ul style="list-style-type: none"> <li>If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Essential Element 18</u> <ul style="list-style-type: none"> <li>Title: Time Back in Service</li> <li>Time defined as HHMM (FIPS)</li> </ul>
<input type="checkbox"/>	<b>E5.12 Unit Cancelled Date/Time</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li><a href="#">Allows for reports to be generated better evaluating EMS response and usage patterns</a></li> </ul>	The date/time if the unit's call was cancelled  <u>Collected by:</u> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.	[ <b>date/time</b> ] <ul style="list-style-type: none"> <li>If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E5.13 Unit Back at Home Location Date/Time</b>	The date/time the responding unit was back in their service area. In Units who utilized Unit Status Management, home location means the service area as assigned through the Unit status management protocol.	[ <b>date/time</b> ] <ul style="list-style-type: none"> <li>If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> </ul> </li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
		<b>Collected by:</b> Collected by the 911 or Dispatch Center and ideally electronically transmitted to the EMS Unit. If not transmitted electronically, this must be relayed verbally.	<b>-10: Not Known</b> <b>-25: Not Applicable</b> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<b>Section E6: Patient</b>			
<input type="checkbox"/>	<b>E6.1 Last Name</b>  <b>Possible Reports:</b> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record.</a></li> <li>• <a href="#">Allows a patient's information to be stored and retrieved by Name.</a></li> </ul>	The patient's last (family) name  <b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	<b>[text] value or</b>  <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b> <ul style="list-style-type: none"> <li>• <b>Local Policy should dictate how Last Name and First Name should be created if Unknown.</b></li> <li>• <b>Associated with E6.2 and E6.3</b></li> <li>• <b>Nullable=See E0</b></li> </ul> <u>NHTSA 1.0 Essential Element 32</u> <ul style="list-style-type: none"> <li>• <b>Title: Patient Name</b></li> <li>• <b>Text entry, Not applicable, Unknown</b></li> <li>• <b>Text Field Size Undefined</b></li> </ul>
<input type="checkbox"/>	<b>E6.2 First Name</b>  <b>Possible Reports:</b> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record.</a></li> <li>• <a href="#">Allows a patient's information to be stored and retrieved by Name.</a></li> <li>• <a href="#">Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc.</a></li> </ul>	The patient's first (given) name  <b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	<b>[text] value or</b>  <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b> <ul style="list-style-type: none"> <li>• <b>Local Policy should dictate how Last Name and First Name should be created if Unknown.</b></li> <li>• <b>Associated with E6.1 and E6.3</b></li> <li>• <b>Nullable=See E0</b></li> </ul> <u>NHTSA 1.0 Essential Element 32</u> <ul style="list-style-type: none"> <li>• <b>Title: Patient Name</b></li> <li>• <b>Text entry, Not applicable, Unknown</b></li> <li>• <b>Text Field Size Undefined</b></li> </ul>
<input type="checkbox"/>	<b>E6.3 Middle Initial/Name</b>  <b>Possible Reports:</b> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record.</a></li> <li>• <a href="#">Allows a patient's information to be stored and retrieved by Name.</a></li> <li>• <a href="#">Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc.</a></li> </ul>	The patient's middle name, if any  <b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	<b>[text] value or</b>  <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b> <ul style="list-style-type: none"> <li>• <b>Local Policy should dictate how Last Name and First Name should be created if Unknown.</b></li> <li>• <b>Associated with E6.1 and E6.2</b></li> <li>• <b>Nullable=See E0</b></li> </ul> <u>NHTSA 1.0 Essential Element 32</u> <ul style="list-style-type: none"> <li>• <b>Title: Patient Name</b></li> <li>• <b>Text entry, Not applicable, Unknown</b></li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>Text Field Size Undefined</li> </ul>
<input type="checkbox"/>	<b>E6.4 Patient's Home Address</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record.</li> <li>Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc.</li> </ul>	The patient's home mailing or street address  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>text</b> ] value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E6.1</li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Desirable Element 33</u> <ul style="list-style-type: none"> <li>Title: Patient Street Address</li> <li>Text entry, Not Applicable, Unknown, None</li> <li>Text Field Size Undefined</li> </ul>
<input type="checkbox"/>	<b>E6.5 Patient's Home City</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record.</li> <li>Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc.</li> </ul>	The patient's home city or township or residence  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>single choice combo</b> ] value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be filled in from Patient's Home Zip (E6.8)</li> <li>5 digit FIPS Code</li> <li>Associated with E6.1</li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Desirable Element 34</u> <ul style="list-style-type: none"> <li>Title: City of Residence</li> <li>5 digit FIPS code, 88888-Not Applicable, 99999-Unknown</li> <li>Text Field Size=5</li> </ul>
<input type="checkbox"/>	<b>E6.6 Patient's Home County</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record.</li> <li>Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc.</li> </ul>	The patient's home county or parish or residence  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>single choice combo</b> ] value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Stored as a 5 digit FIPS code (combining the state and county code) to take into account agencies may server more than one state and counties are often named the same from state to state.</li> <li>Associated with E6.1</li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Desirable Element 35</u> <ul style="list-style-type: none"> <li>Title: County of Residence</li> <li>3 digit FIPS code, 888-Not Applicable, 999-Unknown</li> <li>Text Field Size=3</li> </ul>
<input type="checkbox"/>	<b>E6.7 Patient's Home State</b>  <u>Possible Reports:</u>	The patient's home state, territory, or province, or District of Columbia, where the patient resides	[ <b>single choice combo</b> ] value or  - 5: Not Available -10: Not Known

NHO	Data Element Name	Definition	Database Value Codes
	<ul style="list-style-type: none"> <li><a href="#">A key component of an EMS Medical Record.</a></li> <li><a href="#">Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc.</a></li> </ul>	<p><b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p><b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>Could be filled in from Patient's Home Zip (E6.8)</li> <li>2 digit FIPS Code</li> <li>Associated with E6.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 36</u></p> <ul style="list-style-type: none"> <li>Title: State of Residence</li> <li>2 digit FIPS code, 88-Not Applicable, 99-Unknown</li> <li>Text Field Size=2</li> </ul>
<input type="checkbox"/>	<b>E6.8 Patient's Home ZIP</b>	<p>The patient's home ZIP code of residence</p> <p><b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p>[text] Value or</p> <p><b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>Can be stored as a 5 or 9 digit code</li> <li>Associated with E6.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 37</u></p> <ul style="list-style-type: none"> <li>Title: Zip Code of Residence</li> <li>5 digit ZIP code, 88888-Not Applicable, 99999-Unknown</li> <li>Text Field Size=5</li> </ul>
<input type="checkbox"/>	<p><b>E6.9 Patient's Home Country</b></p> <p><b>Possible Reports:</b></p> <ul style="list-style-type: none"> <li><a href="#">A key component of an EMS Medical Record.</a></li> <li><a href="#">Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc.</a></li> </ul>	<p>The patient's country of citizenship</p> <p><b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p>[single choice combo] value or</p> <p><b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>Stored as a FIPS code</li> <li>Associated with E6.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E6.10 Social Security Number</b></p> <p><b>Possible Reports:</b></p> <ul style="list-style-type: none"> <li><a href="#">A key component of an EMS Medical Record if the EMS Unit is billing for services.</a></li> </ul>	<p>The patient's social security number</p> <p><b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p>[Number] Value or</p> <p><b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>Associated with E6.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 39</u></p> <ul style="list-style-type: none"> <li>Title: Social Security Number</li> <li>9 digit SSN, 888888888-Not Applicable, 999999999-Unknown</li> <li>Text Field Size=9</li> </ul>
<input type="checkbox"/>	<b>E6.11 Gender</b>	The patient's gender	[single choice combo]

NHO	Data Element Name	Definition	Database Value Codes
		<p><u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p><b>650: Male</b>  <b>655: Female</b>  <b>- 5: Not Available</b>  <b>-10: Not Known</b>  <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>Associated with E6.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 42</u></p> <ul style="list-style-type: none"> <li>Title: Gender</li> <li>Pick-List: M-Male, F-Female, U-Unknown</li> <li>Text Field Size=1 (single digit code)</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Gender</li> <li>Pick-List: Male = 1, Female = 2</li> </ul>
<input type="checkbox"/>	<b>E6.12 Race</b>	<p>The patient's race as defined by the OMB (US Office of Management and Budget)</p> <p><u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p><b>[single choice combo]</b></p> <p><b>660: American Indian or Alaska Native</b>  <b>665: Asian</b>  <b>670: Black or African American</b>  <b>675: Native Hawaiian or Other Pacific Islander</b>  <b>680: White</b>  <b>685: Other Race</b>  <b>- 5: Not Available</b>  <b>-10: Not Known</b>  <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>Associated with E6.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 43</u></p> <ul style="list-style-type: none"> <li>Title: Race/Ethnicity</li> <li>Pick-List: 01-White, Non-Hispanic, 02-White, Hispanic, 03-Black, Non-Hispanic, 04-Black, Hispanic, 05-American Indian/Alaska Native, 06-Asian/Pacific Islander, 07-Other, 88-Not Applicable, 99-Unknown</li> <li>Text Field Size=2 (double digit code)</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Race</li> <li>Pick-List: White = 1, Black = 2, American Indian, Eskimo, Aleut = 3, Asian = 4, Other, Multi-racial = 0, Race Undetermined = U</li> </ul>
<input type="checkbox"/>	<b>E6.13 Ethnicity</b>	<p>The patient's ethnicity as defined by the OMB (US Office of Management and Budget)</p> <p><u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p><b>[single choice combo]</b></p> <p><b>690: Hispanic or Latino</b>  <b>695: Not Hispanic or Latino</b>  <b>- 5: Not Available</b>  <b>-10: Not Known</b>  <b>-25: Not Applicable</b></p>

NHO	Data Element Name	Definition	Database Value Codes
		database already in existence.	<ul style="list-style-type: none"> <li>• <b>Associated with E6.1</b></li> <li>• <b>Nullable=See E0</b></li> </ul> <p><u>NHTSA 1.0 Essential Element 43</u></p> <ul style="list-style-type: none"> <li>• Title: Race/Ethnicity</li> <li>• Pick-List: 01-White, Non-Hispanic, 02-White, Hispanic, 03-Black, Non-Hispanic, 04-Black, Hispanic, 05-American Indian/Alaska Native, 06-Asian/Pacific Islander, 07-Other, 88-Not Applicable, 99-Unknown</li> <li>• Text Field Size=2 (double digit code)</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Ethnicity</li> <li>• Check-Box: Hispanic = Yes or No</li> </ul>
<input type="checkbox"/>	<b>E6.14 Age</b>	<p>The patient's age (either calculated from date of birth or <b><u>best approximation</u></b>)</p> <p><u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p>[number] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• <b>Could be calculated from Date of Birth (E6.16)</b></li> <li>• <b>Associated with E6.1</b></li> <li>• <b>Nullable=See E0</b></li> </ul> <p><u>NHTSA 1.0 Desirable Element 41</u></p> <ul style="list-style-type: none"> <li>• Title: Age</li> <li>• 3 digits for age, 888-Not Applicable, 999-Unknown, 000-For patients up to 1 year of age</li> <li>• Text Field Size=3</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Age</li> <li>• The age of the patient or best approximation. If less than one year then enter the number of months.</li> </ul>
<input type="checkbox"/>	<b>E6.15 Age Units</b>	<p>The units which the age is documented in (Hours, Days, Months, Years)</p> <p><u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p>[single choice combo]</p> <p><b>700: Hours</b> <b>705: Days</b> <b>710: Months</b> <b>715: Years</b></p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• <b>Associated with E6.14</b></li> <li>• <b>Nullable=See E0</b></li> </ul> <p><u>NHTSA 1.0 Desirable Element 41</u></p> <ul style="list-style-type: none"> <li>• Title: Age</li> <li>• 3 digits for age, 888-Not Applicable, 999-Unknown, 000-For patients up to 1 year of</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			age • Text Field Size=3
<input type="checkbox"/>	<b>E6.16 Date of Birth</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record.</a></li> <li>• <a href="#">Provides important information which will allow EMS data to be sorted, grouped and evaluated by age demographics.</a></li> </ul>	The patient's date of birth  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[date] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  • Associated with E6.1 • Nullable=See E0  <u>NHTSA 1.0 Essential Element 40</u> <ul style="list-style-type: none"> <li>• Title: Date of Birth</li> <li>• Date entry recorded as YYYYMMDD</li> </ul> <u>NFIRS 5.0: EMS Module</u> <ul style="list-style-type: none"> <li>• Title: Date of Birth</li> <li>• The date of birth of the patient in MMDDYYYY format.</li> </ul>
<input type="checkbox"/>	<b>E6.17 Primary or Home Telephone Number</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record.</a></li> <li>• <a href="#">Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc.</a></li> </ul>	The patient's home or primary telephone number  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[text] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  • 10 digit telephone number • Associated with E6.1 • Nullable=See E0  <u>NHTSA 1.0 Desirable Element 38</u> <ul style="list-style-type: none"> <li>• Title: Telephone Number</li> <li>• 10 digit telephone number, 8888888888-Not Applicable, 9999999999-Unknown</li> <li>• Text Field Size=10</li> </ul>
<input type="checkbox"/>	<b>E6.18 State Issuing Driver's License</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">A form of identification to allow verification of the patient's identify and contact information.</a></li> <li>• <a href="#">Can provide linkage back to DMV databases for additional patient and event information.</a></li> </ul>	The state that issued the driver's license  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[single choice combo]  - 5: Not Available -10: Not Known -25: Not Applicable  • 2 digit FIPS Code • Associated with E6.1 • Nullable=See E0
<input type="checkbox"/>	<b>E6.19 Driver's License Number</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">A form of identification to allow verification of the patient's identify and contact information.</a></li> <li>• <a href="#">Can provide linkage back to DMV databases for additional patient</a></li> </ul>	The patient's driver's license number  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[text] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  • Associated with E6.18 • Nullable=See E0



NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">and event information.</a>		
<b>Section E7: Billing</b>			
<input type="checkbox"/>	<b>E7.1 Primary Method of Payment</b>	<p>The primary method of payment or type of insurance associated with this EMS encounter</p> <p><u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p>[single choice combo]</p> <p>720: Insurance 725: Medicaid 730: Medicare 735: Not Billed (for any reason) 740: Other Government 745: Self Pay 750: Workers Compensation - 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.2 Certificate of Medical Necessity</b> <p><u>Possible Reports and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record for billing of some patient transports.</a></li> </ul>	<p>Indication of whether a certificate of medical necessity is present</p> <p><u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p>[single choice combo]</p> <p>0: No 1: Yes - 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.3 Insurance Company ID/Name</b> <p><u>Possible Reports and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record for billing.</a></li> </ul>	<p>The ID number of the patient's insurance company</p> <p><u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p>[text] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Multiple entry configuration required to allow more than one insurance company</li> <li>• Associated with E7.4 through E7.14</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.4 Insurance Company Billing Priority</b> <p><u>Possible Reports and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record for billing.</a></li> </ul>	<p>The billing priority or order for the insurance company.</p> <p><u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p>[single choice combo]</p> <p>755: Primary 760: Secondary 765: Other - 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Associated with each entry of E7.3</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.5 Insurance Company Address</b> <p><u>Possible Reports and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record for billing.</a></li> </ul>	<p>The mailing address of the Insurance Company</p> <p><u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	<p>[text] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Associated with each entry of E7.3</li> <li>• Nullable=See E0</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E7.6 Insurance Company City</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for billing.</li> </ul>	The insurance companies city or township  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>single choice combo</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be filled in from Insurance Company Zip Code (E7.8)</li> <li>5 digit FIPS Code</li> <li>Associated with each entry of E7.3</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.7 Insurance Company State</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for billing.</li> </ul>	The insurance companies state, territory, or province, or District of Columbia.  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>single choice combo</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be filled in from Insurance Company Zip Code (E7.8)</li> <li>2 digit FIPS Code</li> <li>Associated with each entry of E7.3</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.8 Insurance Company Zip Code</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for billing.</li> </ul>	The insurance companies Zip Code  <u>Collected by:</u> The EMS personnel unless the EMS Unit has professional billing personnel which provide this function.	[ <b>text</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Can be a 5 or 9 digit Zip Code</li> <li>Associated with each entry of E7.3</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.9 Insurance Group ID/Name</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for billing.</li> </ul>	The ID number or name of the patient's insurance group  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>text</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with each entry of E7.3</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.10 Insurance Policy ID Number</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for billing.</li> </ul>	The ID number of the patient's insurance policy  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>text</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with each entry of E7.3</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.11 Last Name of the Insured</b>  <u>Possible Reports and Data Use:</u>	The last (family) name of the person insured by the insurance company.  <u>Collected by:</u>	[ <b>text</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable

NHO	Data Element Name	Definition	Database Value Codes
	<ul style="list-style-type: none"> <li><a href="#">A key component of an EMS Medical Record for billing.</a></li> </ul>	The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	<ul style="list-style-type: none"> <li>Associated with each entry of E7.3</li> <li>Associated with E7.12 and E7.13</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.12 First Name of the Insured</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">A key component of an EMS Medical Record for billing.</a></li> </ul>	The first (given) name of the person insured by the insurance company  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>text</b> ] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with each entry of E7.3</li> <li>Associated with E7.11 and E7.13</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.13 Middle Initial/Name of the Insured</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">A key component of an EMS Medical Record for billing.</a></li> </ul>	The middle name, if any, of the person insured by the insurance company.  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>text</b> ] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with each entry of E7.3</li> <li>Associated with E7.11 and E7.12</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.14 Relationship to the Insured</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">A key component of an EMS Medical Record for billing.</a></li> </ul>	The relationship of the patient to the primary insured person  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>single choice combo</b> ]  770: Self 775: Spouse 780: Son/Daughter 785: Other - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with each entry of E7.3</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.15 Work-Related</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">A key component of an EMS Medical Record for billing.</a></li> <li><a href="#">Can be used to better describe injuries along with the Injury specific data.</a></li> </ul>	Indication of whether or not the injury is work related.  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>single choice combo</b> ]  0: No 1: Yes - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.16 Patient's Occupational Industry</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">A key component of an EMS Medical Record for billing.</a></li> <li><a href="#">Can be used to better describe injuries along with the Injury</a></li> </ul>	The occupational industry of the patient's work  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>single choice combo</b> ]  790: Construction 795: Finance, Insurance, and Real Estate 800: Government 805: Manufacturing 810: Mining 815: Retail Trade 820: Services 825: Transportation and Public Utilities

NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">specific data.</a>		<b>830: Wholesale Trade</b> <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b> <ul style="list-style-type: none"> <li>Recorded if Work Related (E7.15)</li> <li>Nullable=See E0</li> </ul> <u>US Bureau of Labor Statistics Industry Classification</u>
<input type="checkbox"/>	<b>E7.17 Patient's Occupation</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">A key component of an EMS Medical Record for billing.</a></li> <li><a href="#">Can be used to better describe injuries along with the Injury specific data.</a></li> </ul>	The occupation of the patient  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	<b>[single choice combo]</b>  <b>835: Management Occupations</b> <b>840: Business and Financial Operations Occupations</b> <b>845: Computer and Mathematical Occupations</b> <b>850: Architecture and Engineering Occupations</b> <b>855: Life, Physical, and Social Science Occupations</b> <b>860: Community and Social Services Occupations</b> <b>865: Legal Occupations</b> <b>870: Education, Training, and Library Occupations</b> <b>875: Arts, Design, Entertainment, Sports, and Media Occupations</b> <b>880: Healthcare Practitioners and Technical Occupations</b> <b>885: Healthcare Support Occupations</b> <b>890: Protective Service Occupations</b> <b>895: Food Preparation and Serving Related Occupations</b> <b>900: Building and Grounds Cleaning and Maintenance Occupations</b> <b>905: Personal Care and Service Occupations</b> <b>910: Sales and Related Occupations</b> <b>915: Office and Administrative Support Occupations</b> <b>920: Farming, Fishing, and Forestry Occupations</b> <b>925: Construction and Extraction Occupations</b> <b>930: Installation, Maintenance, and Repair Occupations</b> <b>935: Production Occupations</b> <b>940: Transportation and Material Moving Occupations</b> <b>945: Military Specific Occupations</b> <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b> <ul style="list-style-type: none"> <li>Recorded if Work Related (E7.15)</li> <li>Nullable=See E0</li> </ul> <u>1999 US Bureau of Labor Statistics Standard</u>

NHO	Data Element Name	Definition	Database Value Codes
			<u>Occupational Classification (SOC)</u>
<input type="checkbox"/>	<b>E7.18 Closest Relative/Guardian Last Name</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record if the patient is a minor.</a></li> <li>• <a href="#">A key component of an EMS Medical Record for contact information associated with billing.</a></li> </ul>	The last (family) name of the patient's closest relative or guardian  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>text</b> ] Value or  - <b>5: Not Available</b> - <b>10: Not Known</b> - <b>25: Not Applicable</b>  <ul style="list-style-type: none"> <li>• <b>Associated with E7.19 and E7.20</b></li> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E7.19 First Name of the Closest Relative/Guardian</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record if the patient is a minor.</a></li> <li>• <a href="#">A key component of an EMS Medical Record for contact information associated with billing.</a></li> </ul>	The first (given) name of the patient's closest relative or guardian  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>text</b> ] Value or  - <b>5: Not Available</b> - <b>10: Not Known</b> - <b>25: Not Applicable</b>  <ul style="list-style-type: none"> <li>• <b>Associated with E7.18 and E7.20</b></li> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E7.20 Middle Initial/Name of the Closest Relative/Guardian</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record if the patient is a minor.</a></li> <li>• <a href="#">A key component of an EMS Medical Record for contact information associated with billing.</a></li> </ul>	The middle name/initial, if any, of the closest relative or guardian.  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>text</b> ] Value or  - <b>5: Not Available</b> - <b>10: Not Known</b> - <b>25: Not Applicable</b>  <ul style="list-style-type: none"> <li>• <b>Associated with E7.18 and E7.19</b></li> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E7.21 Closest Relative/Guardian Street Address</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">A key component of an EMS Medical Record if the patient is a minor.</a></li> <li>• <a href="#">A key component of an EMS Medical Record for contact information associated with billing.</a></li> </ul>	The home street address of the patient's closest relative or guardian  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[ <b>text</b> ] Value or  - <b>5: Not Available</b> - <b>10: Not Known</b> - <b>25: Not Applicable</b>  <ul style="list-style-type: none"> <li>• <b>Associated with E7.18</b></li> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E7.22 Closest Relative/</b>	The home city of the patient's	[ <b>single choice combo</b> ] Value or

NHO	Data Element Name	Definition	Database Value Codes
	<b>Guardian City</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record if the patient is a minor.</li> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	closest relative or guardian  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	- 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be filled in from Closest Relative/Guardian Zip Code (E7.24)</li> <li>5 digit FIPS Code</li> <li>Associated with E7.18</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.23 Closest Relative/Guardian State</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record if the patient is a minor.</li> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	The home state of the patient's closest relative or guardian  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[single choice combo] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be filled in from Closest Relative/Guardian Zip Code (E7.24)</li> <li>2 digit FIPS Code</li> <li>Associated with E7.18</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.24 Closest Relative/Guardian Zip Code</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record if the patient is a minor.</li> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	The home Zip Code of the patient's closest relative or guardian  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[text] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Can be a 5 or 9 digit Zip Code</li> <li>Associated with E7.18</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.25 Closest Relative/Guardian Phone Number</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record if the patient is a minor.</li> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	The home or other phone number of the patient's closest relative or guardian  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[number] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>10 digit telephone number</li> <li>Associated with E7.18</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.26 Closest Relative/Guardian Relationship</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record if the patient is a</li> </ul>	The relationship of the patient's closest relative or guardian  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	[single choice combo]  <b>950: Appointed Guardian</b> <b>955: Father</b> <b>960: Mother</b> <b>965: Other</b> <b>970: Son/Daughter</b> <b>975: Spouse</b>



NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">minor.</a> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>		<ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> <li>Associated with E7.18</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.27 Patient's Employer</b> <p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	The name of the patient's employer <p><b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	[ <b>text</b> ] Value or <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.28 Patient's Employer's Address</b> <p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	The street address of the patient's employer <p><b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	[ <b>text</b> ] Value or <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> <li>Associated with E7.27</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.29 Patient's Employer's City</b> <p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	The home city of the patient's employer <p><b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	[ <b>single choice combo</b> ] Value or <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> <li>Could be filled in from Patient's Employer's Zip Code (E7.31)</li> <li>5 digit FIPS Code</li> <li>Associated with E7.27</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.30 Patient's Employer's State</b> <p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	The home state of the patient's employer <p><b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	[ <b>single choice combo</b> ] Value or <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> <li>Could be filled in from Patient's Employer's Zip Code (E7.31)</li> <li>2 digit FIPS Code</li> <li>Associated with E7.27</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.31 Patient's Employer's Zip Code</b> <p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	The home Zip Code of the patient's employer <p><b>Collected by:</b> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.</p>	[ <b>text</b> ] Value or <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> <li>Can be a 5 or 9 digit Zip Code</li> <li>Associated with E7.27</li> </ul>



NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E7.32 Patient's Work Telephone Number</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	The patient's work telephone number  <u>Collected by:</u> The EMS personnel unless patient information could be retrieved from a patient care database already in existence.	<ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> [number] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>10 digit telephone number</li> <li>Associated with Patient (E6.1)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.33 Response Urgency</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>A key component of an EMS Medical Record for contact information associated with billing.</li> </ul>	The urgency in which the EMS Unit began to mobilize resources.  <u>Collected by:</u> The EMS personnel unless the EMS Unit has professional billing personnel which provide this function.	[single choice combo]  980: Immediate 985: Non-Immediate - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.34 CMS Service Level</b>	The CMS service level for this EMS encounter.  <u>Collected by:</u> The EMS personnel unless the EMS Unit has professional billing personnel which provide this function.	[single choice combo]  990: BLS 995: BLS, Emergency 1000: ALS, Level 1 1005: ALS, Level 1 Emergency 1010: ALS, Level 2 1015: Paramedic Intercept 1020: Specialty Care Transport 1025: Fixed Wing (Airplane) 1030: Rotary Wing (Helicopter) - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.35 Condition Code Number</b>	The condition codes associated with the CMS EMS negotiated rule-making process.  <u>Collected by:</u> The EMS personnel unless the EMS Unit has professional billing personnel which provide this function.	[multiple choice combo] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>From the Center for Medicare and Medicaid Services (CMS) Ambulance Fee Schedule Condition Based Coding.</li> <li>A list of 95 Condition Codes which are mapped to ICD-9 Codes. At this time the Condition Code List is still in draft. <u>The number of the Condition Code should be stored in this field.</u></li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.36 ICD-9 Code for the Condition Code Number</b>	The ICD-9 Code assigned by CMS for the condition code documented in E7.35. This is based on the CMS EMS	[text] Value or  - 5: Not Available -10: Not Known

NHO	Data Element Name	Definition	Database Value Codes
	<b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Allows EMS data at the national level to be quantified and described based on the Condition Code</li> <li>Allows EMS data at the national level to be sorted base on the Condition Code</li> <li>Important for EMS billing</li> </ul>	negotiated rule-making process.  <b>Collected by:</b> The EMS personnel unless the EMS Unit has professional billing personnel which provide this function.	<b>-25: Not Applicable</b> <ul style="list-style-type: none"> <li>Should be automatically filled in based on the Condition Code Number from E7.35.</li> <li>From the Center for Medicare and Medicaid Services (CMS) Ambulance Fee Schedule Condition Based Coding.</li> <li>Associated with each Condition Code (E7.35)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E7.37 Air Ambulance Modifier for Condition Code Number</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Allows EMS data at the national level to be quantified and described based on the Condition Code</li> <li>Allows EMS data at the national level to be sorted base on the Condition Code</li> <li>Important for EMS billing</li> </ul>	The CMS Condition Code Air Ambulance Modifier indicating why it was medically necessary to respond with air medical services as opposed to ground medical services.  <b>Collected by:</b> The EMS personnel unless the EMS Unit has professional billing personnel which provide this function.	<b>[multiple choice combo]</b>  <b>1035: Long Distance</b> <b>1040: Traffic Patterns</b> <b>1045: Time</b> <b>1050: Not Accessible by Ground</b> <b>1055: Unstable Patient</b> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>This coding system is character based to match the CMS Modifier Condition Code.</li> <li>From the Center for Medicare and Medicaid Services (CMS) Ambulance Fee Schedule Condition Based Coding.</li> <li>Associated with each Condition Code (E7.35)</li> <li>Nullable=See E0</li> </ul>
<b>Section E8: Scene</b>			
<input type="checkbox"/>	<b>E8.1 Other EMS Agencies at Scene</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Allows EMS reports to be generated describing all of the resources used in an EMS event.</li> <li>Allows for the evaluation of an EMS response or of EMS responses over time to adjust Unit components and plans.</li> </ul>	Other EMS agencies that were at the scene, if any  <b>Collected by:</b> The EMS personnel.	<b>[multiple choice combo] Value or</b> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Created from Other Agencies in Area (D1.11)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E8.2 Other Services at Scene</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Allows EMS reports to be generated describing all of the resources used in an EMS event.</li> <li>Allows for the evaluation of an EMS response or of EMS responses over time to adjust Unit components and plans.</li> <li>Used for Quality Management reports associated with service</li> </ul>	Other services that were at the scene, if any  <b>Collected by:</b> The EMS personnel.	<b>[multiple choice combo]</b>  <b>1060: EMS Mutual Aid</b> <b>1065: Fire</b> <b>1070: HazMat</b> <b>1075: Law</b> <b>1080: Other Health Care Provider</b> <b>1085: Other</b> <b>1090: Rescue</b> <b>1095: Utilities</b> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">delivery.</a>		<ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E8.3 Estimated Date/Time Initial Responder Arrived on Scene</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Allows for the evaluation of First Responder services within an EMS Unit.</a></li> <li><a href="#">Used for Quality Management reports associated with service delivery and clinical care/outcomes.</a></li> </ul>	The date/time differential between the initial responder and the EMS unit arriving on the scene, if applicable.  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  <b>1100:</b> >15 minutes <b>1105:</b> 5-15 minutes <b>1110:</b> <5 minutes <b>1115:</b> after EMS - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>EMS Systems can choose to document First Responder Arrival Time either by a time frame (E8.3) or by recording the exact time (E8.4). Systems only need to use one of these two data elements.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E8.4 Date/Time Initial Responder Arrived on Scene</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Allows for the evaluation of First Responder services within an EMS Unit.</a></li> <li><a href="#">Used for Quality Management reports associated with service delivery and clinical care/outcomes.</a></li> </ul>	The time that the initial responder arrived on the scene, if applicable.  <u>Collected by:</u> The EMS personnel.	[ <b>date/time</b> ]  <ul style="list-style-type: none"> <li>EMS Systems can choose to document First Responder Arrival Time either by a time frame (E8.3) or by recording the exact time (E8.4). Systems only need to use one of these two data elements.</li> <li>If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E8.5 Number of Patients at Scene</b>	Indicator of how many total patients were at the scene  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  <b>1120:</b> None <b>1125:</b> Single <b>1130:</b> Multiple - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> <u>NFIRS 5.0: EMS Module</u> <ul style="list-style-type: none"> <li>Title: Number of Patients</li> <li>The total number of patients.</li> </ul>
<input type="checkbox"/>	<b>E8.6 Mass Casualty Incident</b>	Indicator if this event would be considered a mass casualty incident (overwhelmed existing EMS resources)  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  <b>0:</b> No <b>1:</b> Yes - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E8.7 Incident Location Type</b>	<p>The kind of location where the incident happened</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[single choice combo]</p> <p>1135: Home/Residence 1140: Farm 1145: Mine or Quarry 1150: Industrial Place and Premises 1155: Place of Recreation or Sport 1160: Street or Highway 1165: Public Building (schools, gov. offices) 1170: Trade or Service (business, bars, restaurants, etc) 1175: Health Care Facility (clinic, hospital, nursing home) 1180: Residential Institution (nursing home, jail/prison) 1185: Lake, River, Ocean 1190: Other Location - 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Based on ICD-9</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 5</u></p> <ul style="list-style-type: none"> <li>Title: Location Type</li> <li>849.0-Home/Residence, 849.1-Farm, 849.2-Mine or Quarry, 849.3-Industrial Place and Premises, 849.4-Place of Recreation or Sport, 849.5-Street or Highway, 849.6-Public Building, 849.7-Residential Institution, 849.E-Educational Institution, 849.8-Other Specified Location, 849.9-Unspecified Location, 849.U-Unknown</li> <li>Text Field Size=4</li> </ul> <p><u>Utstein 2002</u></p> <ul style="list-style-type: none"> <li>Title: Location of Arrest: Out of Hospital</li> <li>Same as NHTSA E-Codes</li> </ul>
<input type="checkbox"/>	<b>E8.8 Incident Facility Code</b> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Allows EMS data to give some description of the Incident Location and the distribution of EMS events.</li> <li>Allows EMS data at the national level to be sorted base on the Incident Location and Type.</li> </ul>	<p>The state or regulatory number (code) associated with the facility if the Incident is a Healthcare Facility.</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[text] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Could be a editable list box Created from Hospitals Facility Number (D4.12) and Other Destination Facility Number (D4.14)</li> <li>Associated with E8.7</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E8.9 Scene Zone Number</b> <p><u>Possible Reports and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Important for grouping or comparing EMS information by Scene location which also allows</a></li> </ul>	<p>Geographic zone representing the location of the scene</p> <p><u>Collected by:</u> The EMS Unit. Could potentially be collected by the</p>	<p>[single choice combo] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p>

NHO	Data Element Name	Definition	Database Value Codes
	<p><u>EMS information to be sorted by geographic response areas in many Units.</u></p> <ul style="list-style-type: none"> <li><u>Provides information on overall response patterns and times which can be used for Unit configuration and evaluation.</u></li> </ul>	<p>911 or Dispatch Center and electronically transmitted to EMS.</p>	<ul style="list-style-type: none"> <li><b>Created from Zones (D4.3)</b></li> <li><b>Associated with E8.7</b></li> <li><b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<p><b>E8.10 Scene GPS Location</b></p> <p><u>Possible Reports and Data Use:</u></p> <ul style="list-style-type: none"> <li><u>Important for grouping or comparing EMS information by Scene location which also allows EMS information to be sorted by geographic response areas in many Units.</u></li> <li><u>Provides information on overall response patterns and times which can be used for Unit configuration and evaluation.</u></li> </ul>	<p>The GPS coordinates associated with the Scene.</p> <p><u>Collected by:</u> The EMS personnel or could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>[text] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li><b>Associated with E8.7</b></li> <li><b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<p><b>E8.11 Incident Address</b></p> <p><u>Possible Reports and Data Use:</u></p> <ul style="list-style-type: none"> <li><u>Important for grouping or comparing EMS information by Scene location which also allows EMS information to be sorted by geographic response areas in many Units.</u></li> <li><u>Provides information on overall response patterns and times which can be used for Unit configuration and evaluation.</u></li> <li><u>A component of the EMS Medical Record (Patient Care Report).</u></li> </ul>	<p>The street address (or best approximation) where the patient was found, or, if no patient, the address to which the unit responded.</p> <p><u>Collected by:</u> The EMS personnel or could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>[text] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li><b>Associated with E8.7</b></li> <li><b>Nullable=See E0</b></li> </ul> <p><u>NHTSA 1.0 Essential Element 1</u></p> <ul style="list-style-type: none"> <li><b>Title: Incident Address</b></li> <li><b>Text entry or unknown</b></li> <li><b>Text Field Size Undefined</b></li> </ul>
<input type="checkbox"/>	<p><b>E8.12 Incident City</b></p> <p><u>Possible Reports and Data Use:</u></p> <ul style="list-style-type: none"> <li><u>Important for grouping or comparing EMS information by Scene location which also allows EMS information to be sorted by geographic response areas in many agencies.</u></li> <li><u>Provides information on overall response patterns and times which can be used for Unit configuration and evaluation.</u></li> <li><u>A component of the EMS Medical Record (Patient Care Report).</u></li> </ul>	<p>The city or township (if applicable) where the patient was found or to which the unit responded (or best approximation)</p> <p><u>Collected by:</u> The EMS personnel or could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>[single choice combo] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li><b>Could be filled in from Incident Zip Code entry (E8.15)</b></li> <li><b>5 digit FIPS Code</b></li> <li><b>Associated with E8.7</b></li> <li><b>Nullable=See E0</b></li> </ul> <p><u>NHTSA 1.0 Essential Element 2</u></p> <ul style="list-style-type: none"> <li><b>Title: Incident City</b></li> <li><b>5 digit FIPS, 88888-Not Applicable, 99999-Unknown</b></li> <li><b>Text Field Size=5</b></li> </ul>
<input type="checkbox"/>	<p><b>E8.13 Incident County</b></p>	<p>The county or parish where the</p>	<p>[single choice combo] Value or</p>

NHO	Data Element Name	Definition	Database Value Codes
	<p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Important for grouping or comparing EMS information by Scene location which also allows EMS information to be sorted by geographic response areas in many agencies.</a></li> <li>• <a href="#">Provides information on overall response patterns and times which can be used for Unit configuration and evaluation.</a></li> <li>• <a href="#">A component of the EMS Medical Record (Patient Care Report).</a></li> </ul>	<p>patient was found or to which the unit responded (or best approximation)</p> <p><b>Collected by:</b> The EMS personnel or could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Could be filled in from Incident Zip Code entry (E8.15)</li> <li>• Stored as a FIPS code</li> <li>• Associated with E8.7</li> <li>• Nullable=See E0</li> </ul> <p><b>NHTSA 1.0 Essential Element 3</b></p> <ul style="list-style-type: none"> <li>• Title: Incident County</li> <li>• 3 digit FIPS, 888-Not Applicable, 999-Unknown</li> <li>• Text Field Size=3</li> </ul>
<input type="checkbox"/>	<p><b>E8.14 Incident State</b></p> <p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Important for grouping or comparing EMS information by Scene location which also allows EMS information to be sorted by geographic response areas in many agencies.</a></li> <li>• <a href="#">Provides information on overall response patterns and times which can be used for Unit configuration and evaluation.</a></li> <li>• <a href="#">A component of the EMS Medical Record (Patient Care Report).</a></li> </ul>	<p>The state, territory, or province where the patient was found or to which the unit responded (or best approximation)</p> <p><b>Collected by:</b> The EMS personnel or could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>[single choice combo] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Could be filled in from Incident Zip Code entry (E8.15)</li> <li>• 2 digit FIPS code</li> <li>• Associated with E8.7</li> <li>• Nullable=See E0</li> </ul> <p><b>NHTSA 1.0 Essential Element 4</b></p> <ul style="list-style-type: none"> <li>• Title: Incident State</li> <li>• 2 digit FIPS, 88-Not Applicable, 99-Unknown</li> <li>• Text Field Size=2</li> </ul> <p><b>NFIRS 5.0 Basic Module 1</b></p> <ul style="list-style-type: none"> <li>• Title: State</li> <li>• 2 digit FIPS</li> <li>• Text Field Size = 2</li> </ul>
<input type="checkbox"/>	<p><b>E8.15 Incident ZIP Code</b></p>	<p>The ZIP code of the incident location</p> <p><b>Collected by:</b> The EMS personnel or could potentially be collected by the 911 or Dispatch Center and electronically transmitted to EMS.</p>	<p>[text] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Associated with E8.7</li> <li>• Nullable=See E0</li> </ul>
<b>Section E9: Situation</b>			
<input type="checkbox"/>	<p><b>E9.1 Prior Aid</b></p>	<p>Any care which was provided to the patient prior to the arrival of this unit.</p> <p><b>Collected by:</b> The EMS personnel.</p>	<p>[multiple choice combo] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• List created from Procedures (D4.4) and</li> </ul>



NHO	Data Element Name	Definition	Database Value Codes
			<p><b>Medications (D4.6)</b></p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul> <p><u>NHTSA 1.0 Desirable Element 58</u></p> <ul style="list-style-type: none"> <li>• <b>Title: Time of First CPR</b></li> <li>• <b>Date Field Recorded as HHMM</b></li> <li>• <b>(Note: CPR before EMS is not timed. If CPR occurs after EMS arrival, the time is documented with the Procedure)</b></li> </ul> <p><u>Utstein 2002</u></p> <ul style="list-style-type: none"> <li>• <b>Title: CPR Before EMS and Rhythm Analysis or Defibrillation before EMS</b></li> <li>• <b>[combo] Yes = Y, No = No, U = Unknown</b></li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• <b>Title: Cardiac Arrest</b></li> <li>• <b>Pick-List: Pre-Arrival Arrest = 1, Post-Arrival Arrest = 2</b></li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• <b>Title: Pre-Arrival Details</b></li> <li>• <b>Pick-List: Witnessed = 1, Bystander CPR = 2</b></li> </ul>
<input type="checkbox"/>	<b>E9.2 Prior Aid Performed by</b>	<p>The type of individual who performed the care prior to the arrival of this unit.</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p><b>[multiple choice combo]</b></p> <p><b>1195: EMS Provider</b>  <b>1200: Law Enforcement</b>  <b>1205: Lay Person</b>  <b>1210: Other Healthcare Provider</b>  <b>1215: Patient</b>              - <b>5: Not Available</b>              - <b>10: Not Known</b>              - <b>25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E9.3 Outcome of the Prior Aid</b>	<p>What was the outcome or result of the care performed prior to the arrival of the unit?</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p><b>[single choice combo]</b></p> <p><b>1220: Improved</b>  <b>1225: Unchanged</b>  <b>1230: Worse</b>              - <b>5: Not Available</b>              - <b>10: Not Known</b>              - <b>25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E9.4 Injury Present</b>	<p>Indication whether or not there was an injury.</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p><b>[single choice combo]</b></p> <p><b>0: No</b>  <b>1: Yes</b>              - <b>5: Not Available</b>              - <b>10: Not Known</b>              - <b>25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>• <b>Data elements E9.4, E9.11, E9.12, and E9.13 are required to calculate the Reason for Encounter</b></li> </ul>



NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>Can be used to determine which records should have Section E10: Situation/Trauma completed. If Injury Present (E9.4) is "Yes", Section E10 should be completed.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E9.5 Chief Complaint Narrative</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Allows EMS data to give some description of EMS services delivered based on the EMS patient's chief complaint</li> <li>Allows EMS data to be sorted base on the use of EMS Chief Complaint</li> <li>Important for an EMS Medical Record</li> </ul>	The statement of the problem by the patient or the history provider  <u>Collected by:</u> The EMS personnel.	[ <b>text</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Desirable Element 48</u> <ul style="list-style-type: none"> <li>Title: Chief Complaint</li> <li>Text entry, Not Applicable, or Unknown</li> <li>Text Field Size Unspecified</li> </ul>
<input type="checkbox"/>	<b>E9.6 Duration of Chief Complaint</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>Important for an EMS Medical Record</li> <li>Important to evaluate clinical conditions which are time dependant such as MI or Stroke to determine appropriate EMS care.</li> </ul>	The duration of the chief complaint  <u>Collected by:</u> The EMS personnel.	[ <b>number</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E9.5</li> <li>Associated with E9.7</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E9.7 Time Units of Duration of Chief Complaint</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>Important for an EMS Medical Record</li> <li>Important to evaluate clinical conditions which are time dependant such as MI or Stroke to determine appropriate EMS care.</li> </ul>	The time units of the duration of the patient's chief complaint  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  1235: Seconds 1240: Minutes 1245: Hours 1250: Days 1255: Weeks 1260: Months 1265: Years - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E9.6</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E9.8 Secondary Complaint Narrative</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Allows EMS data to give some description of EMS services delivered based on the EMS patient's chief complaint</li> <li>Allows EMS data to be sorted base on the use of EMS Chief</li> </ul>	The narrative of the patient's secondary complaint  <u>Collected by:</u> The EMS personnel.	[ <b>text</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Desirable Element 48 (Secondary)</u> <ul style="list-style-type: none"> <li>Title: Chief Complaint</li> <li>Text entry, Not Applicable, or Unknown</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
	<ul style="list-style-type: none"> <li><a href="#">Complaint</a></li> <li><a href="#">Important for an EMS Medical Record</a></li> </ul>		<ul style="list-style-type: none"> <li>Text Field Size Unspecified</li> </ul>
<input type="checkbox"/>	<b>E9.9 Duration of Secondary Complaint</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Important for an EMS Medical Record</a></li> <li><a href="#">Important to evaluate clinical conditions which are time dependant such as MI or Stroke to determine appropriate EMS care.</a></li> </ul>	The duration of the secondary complaint  <u>Collected by:</u> The EMS personnel.	[ <b>number</b> ] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E9.8</li> <li>Associated with E9.10</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E9.10 Time Units of Duration of Secondary Complaint</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Important for an EMS Medical Record</a></li> <li><a href="#">Important to evaluate clinical conditions which are time dependant such as MI or Stroke to determine appropriate EMS care.</a></li> </ul>	The time units of the duration of the patient's secondary complaint  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  1270: Seconds 1275: Minutes 1280: Hours 1285: Days 1290: Weeks 1295: Months 1300: Years - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E9.9</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E9.11 Complaint Anatomic Location</b>	The primary anatomic location of the chief complaint as identified by EMS personnel  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  1305: Abdomen 1310: Back 1315: Chest 1320: Extremity-Lower 1325: Extremity-Upper 1330: General/Global 1335: Genitalia 1340: Head 1345: Neck - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Data elements E9.4, E9.11, E9.12, and E9.13 are required to calculate the Reason for Encounter</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E9.12 Complaint Organ Unit</b> <ul style="list-style-type: none"> <li></li> </ul>	The primary organ system of the patient injured or medically affected. This is to be completed by EMS personnel with a minimum of an EMT-	[ <b>single choice combo</b> ]  1350: Cardiovascular 1355: CNS/Neuro 1360: Endocrine/Metabolic

NHO	Data Element Name	Definition	Database Value Codes
		Paramedic level of credentialing.  <u>Collected by:</u> The EMS personnel.	1365: GI 1370: Global 1375: Musculoskeletal 1380: OB/Gyn 1385: Psych 1390: Pulmonary 1395: Renal 1400: Skin - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Data elements E9.4, E9.11, E9.12, and E9.13 are required to calculate the Reason for Encounter</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E9.13 Primary Symptom</b>	The primary sign and symptom present in the patient or observed by EMS personnel  <u>Collected by:</u> The EMS personnel.	[single choice combo]  1405: Bleeding 1410: Breathing Problem 1415: Change in Responsiveness 1420: Choking 1425: Death 1430: Device/Equipment Problem 1435: Diarrhea 1440: Drainage/Discharge 1445: Fever 1450: Malaise 1455: Mass/Lesion 1460: Mental/Psych 1465: Nausea/Vomiting 1470: None 1475: Pain 1480: Palpitations 1485: Rash/Itching 1490: Swelling 1495: Transport Only 1500: Weakness 1505: Wound - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Data elements E9.4, E9.11, E9.12, and E9.13 are required to calculate the Reason for Encounter</li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Essential Element 52</u> <ul style="list-style-type: none"> <li>Title: Signs and Symptoms Present</li> <li>789.00-Abdominal Pain, 724.50-Back Pain, 578.10-Bloody Stools, 786.09-Breathing Difficulty, 427.50-Cardiorespiratory Arrest, 786.50-Chest Pain, 933.10-Choking, 558.90-Diarrhea, 780.40-Dizziness, 388.70-Ear Pain, 379.91-Eye Pain, 780.60-Fever,Hyperthermia, 784.00-Headache, 401.90-Hypertension, 780.90-Hypothermia,</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			787.00-Nausea, 344.90-Paralysis, 785.10-Palpitations, 659.90-Pregnancy/Childbirth/Miscarriage, 780.20-Syncope, 780.09-Unresponsive/Unconscious, 623.80-Vaginal Bleeding, 787.00-Vomiting, 780.70-Weakness (Malaise) <ul style="list-style-type: none"> <li>Text Field Size=5</li> </ul>
<input type="checkbox"/>	<b>E9.14 Other Associated Symptoms</b>	Other symptoms identified by the patient or observed by EMS personnel  <u>Collected by:</u> The EMS personnel.	[ <b>multiple choice combo</b> ] <p> 1510: Bleeding  1515: Breathing Problem  1520: Change in Responsiveness  1525: Choking  1530: Death  1535: Device/Equipment Problem  1540: Diarrhea  1545: Drainage/Discharge  1550: Fever  1555: Malaise  1560: Mass/Lesion  1565: Mental/Psych  1570: Nausea/Vomiting  1575: None  1580: Pain  1585: Rash/Itching  1595: Swelling  1600: Transport Only  1605: Weakness  1610: Wound  - 5: Not Available  -10: Not Known  -25: Not Applicable </p> <ul style="list-style-type: none"> <li>This data element is used for Bioterrorism Syndromic Surveillance</li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Essential Element 52</u> <ul style="list-style-type: none"> <li>Title: Signs and Symptoms Present</li> <li>789.00-Abdominal Pain, 724.50-Back Pain, 578.10-Bloody Stools, 786.09-Breathing Difficulty, 427.50-Cardiorespiratory Arrest, 786.50-Chest Pain, 933.10-Choking, 558.90-Diarrhea, 780.40-Dizziness, 388.70-Ear Pain, 379.91-Eye Pain, 780.60-Fever,/Hyperthermia, 784.00-Headache, 401.90-Hypertension, 780.90-Hypothermia, 787.00-Nausea, 344.90-Paralysis, 785.10-Palpitations, 659.90-Pregnancy/Childbirth/Miscarriage, 780.20-Syncope, 780.09-Unresponsive/Unconscious, 623.80-Vaginal Bleeding, 787.00-Vomiting, 780.70-Weakness (Malaise)</li> <li>Text Field Size=5</li> </ul>
<input type="checkbox"/>	<b>E9.15 Providers Primary</b>	The EMS personnel's	[ <b>single choice combo</b> ]

NHO	Data Element Name	Definition	Database Value Codes
	<b>Impression</b>	<p>impression of the patient's primary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures).</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p><b>1615: 789.00- Abdominal pain / problems</b>  <b>1620: 519.80- Airway obstruction</b>  <b>1625: 995.30- Allergic reaction</b>  <b>1630: 780.09- Altered level of consciousness</b>  <b>1635: 312.90- Behavioral / psychiatric disorder</b>  <b>1640: 427.50- Cardiac arrest</b>  <b>1645: 427.90- Cardiac rhythm disturbance</b>  <b>1650: 786.50- Chest pain / discomfort</b>  <b>1655: 250.90- Diabetic symptoms (hypoglycemia)</b>  <b>1660: 994.80- Electrocution</b>  <b>1665: 780.60- Hyperthermia</b>  <b>1670: 780.90- Hypothermia</b>  <b>1675: 785.59- Hypovolemia / shock</b>  <b>1680: 987.90- Inhalation injury (toxic gas)</b>  <b>1685: 798.99- Obvious death</b>  <b>1690: 977.90- Poisoning / drug ingestion</b>  <b>1695: 659.90- Pregnancy / OB delivery</b>  <b>1700: 799.10- Respiratory arrest</b>  <b>1705: 786.09- Respiratory distress</b>  <b>1710: 780.30- Seizure</b>  <b>1715: 959.90- Sexual assault / rape</b>  <b>1720: 987.90- Smoke inhalation</b>  <b>1725: 989.50- Stings / venomous bites</b>  <b>1730: 436.00- Stroke / CVA</b>  <b>1735: 780.20- Syncope / fainting</b>  <b>1740: 959.90- Traumatic injury</b>  <b>1745: 623.80- Vaginal hemorrhage</b>  <b>- 5: Not Available</b>  <b>-10: Not Known</b>  <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>• ICD-9 Codes were retained over ICD-10 due to CMS's continued use of ICD-9 in the EMS Condition Codes</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 50</u></p> <ul style="list-style-type: none"> <li>• Title: Providers Impression</li> <li>• 789.00-Abdominal pain / problems, 519.80-Airway obstruction, 995.30-Allergic reaction, 780.09-Altered level of consciousness, 312.90-Behavioral / psychiatric disorder, 427.50-Cardiac arrest, 427.90-Cardiac rhythm disturbance, 786.50-Chest pain / discomfort, 250.90-Diabetic symptoms (hypoglycemia), 994.80-Electrocution, 780.60-Hyperthermia, 780.90-Hypothermia, 785.59-Hypovolemia / shock, 987.90-Inhalation injury (toxic gas), 798.99-Obvious death, 977.90-Poisoning / drug ingestion, 659.90-Pregnancy / OB delivery, 799.10-Respiratory arrest, 786.09-Respiratory distress, 780.30-Seizure, 959.90-Sexual assault / rape, 987.90-Smoke inhalation, 989.50-Stings / venomous bites, 436.00-Stroke / CVA, 780.20-Syncope /</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			fainting, 959.90-Traumatic injury, 623.80-Vaginal hemorrhage, 000.88-Not applicable, 000.99-Unknown • Text Field Size = 5  <u>NFIRS 5.0: EMS Module</u> • Title: Provider Impression/Assessment • The emergency providers single most important impression/assessment which drove the choice of treatment. • [combo] Abdominal Pain = 10, Airway Obstruction = 11, Allergic Reaction, excludes stings & venomous bites = 12, Altered Level of Consciousness = 13, Behavioral-Mental Status, Psychiatric Disorder = 14, Burns = 15, Cardiac Arrest = 16, Cardiac Dysrhythmia = 17, Chest Pain = 18, Diabetic Symptom = 19, Do Not Resuscitate = 20, Electrocution = 21, General Illness = 22, Hemorrhaging/Bleeding = 23, Hyperthermia = 24, Hypothermia = 25, Hypovolemia = 26, Inhalation Injury, Toxic Gases = 27, Obvious Death = 28, Overdose/Poisoning = 29, Pregnancy/OB = 30, Respiratory Arrest = 31, Respiratory Distress = 32, Seizure = 33, Sexual Assault = 34, Sting/Bite = 35, Stroke/CVA = 36, Syncope, Fainting = 37, Trauma = 38, Other Impression/Assessment = 00, None/No Patient or Refused Treatment = NN
<input type="checkbox"/>	<b>E9.16 Provider's Secondary Impression</b>	The EMS personnel's impression of the patient's secondary problem or which led to the management given to the patient (treatments, medications, or procedures).  <u>Collected by:</u> The EMS personnel.	<b>[single choice combo]</b>  <b>1750: 789.00- Abdominal pain / problems</b> <b>1755: 519.80- Airway obstruction</b> <b>1760: 995.30- Allergic reaction</b> <b>1765: 780.09- Altered level of consciousness</b> <b>1770: 312.90- Behavioral / psychiatric disorder</b> <b>1775: 427.50- Cardiac arrest</b> <b>1780: 427.90- Cardiac rhythm disturbance</b> <b>1785: 786.50- Chest pain / discomfort</b> <b>1790: 250.90- Diabetic symptoms (hypoglycemia)</b> <b>1795: 994.80- Electrocution</b> <b>1800: 780.60- Hyperthermia</b> <b>1805: 780.90- Hypothermia</b> <b>1810: 785.59- Hypovolemia / shock</b> <b>1815: 987.90- Inhalation injury (toxic gas)</b> <b>1820: 798.99- Obvious death</b> <b>1825: 977.90- Poisoning / drug ingestion</b> <b>1830: 659.90- Pregnancy / OB delivery</b> <b>1835: 799.10- Respiratory arrest</b> <b>1840: 786.09- Respiratory distress</b> <b>1845: 780.30- Seizure</b> <b>1850: 959.90- Sexual assault / rape</b> <b>1855: 987.90- Smoke inhalation</b> <b>1860: 989.50- Stings / venomous bites</b>



NHO	Data Element Name	Definition	Database Value Codes
			<p>1865: 436.00- Stroke / CVA  1870: 780.20- Syncope / fainting  1875: 959.90- Traumatic injury  1880: 623.80- Vaginal hemorrhage  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>ICD-9 Codes were retained over ICD-10 due to CMS's continued use of ICD-9 in the EMS Condition Codes</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 50</u></p> <ul style="list-style-type: none"> <li>Title: Providers Impression</li> <li>789.00-Abdominal pain / problems, 519.80-Airway obstruction, 995.30-Allergic reaction, 780.09-Altered level of consciousness, 312.90-Behavioral / psychiatric disorder, 427.50-Cardiac arrest, 427.90-Cardiac rhythm disturbance, 786.50-Chest pain / discomfort, 250.90-Diabetic symptoms (hypoglycemia), 994.80-Electrocution, 780.60-Hyperthermia, 780.90-Hypothermia, 785.59-Hypovolemia / shock, 987.90-Inhalation injury (toxic gas), 798.99-Obvious death, 977.90-Poisoning / drug ingestion, 659.90-Pregnancy / OB delivery, 799.10-Respiratory arrest, 786.09-Respiratory distress, 780.30-Seizure, 959.90-Sexual assault / rape, 987.90-Smoke inhalation, 989.50-Stings / venomous bites, 436.00-Stroke / CVA, 780.20-Syncope / fainting, 959.90-Traumatic injury, 623.80-Vaginal hemorrhage, 000.88-Not applicable, 000.99-Unknown</li> <li>Text Field Size = 5</li> </ul>
<b>Section E10: Situation/Trauma</b>			
<input type="checkbox"/>	<b>E10.1 Cause of Injury</b>	<p>The category of the reported/suspected external cause of the injury</p> <p><u>Collected by:</u>  The EMS personnel if Injury Present (E9.4) is answered Yes.</p>	<p>[single choice combo]</p> <p>1885: E81x.x- Motor vehicle traffic accident  1890: E814.x- Pedestrian traffic accident  1891: E815.x- Motor vehicle accident  Moose  1895: E82x.x- Motor vehicle non-traffic accident  1900: E826.x- Bicycle accident  1905: E83x.x- Water transport accident  1910: E84x.x- Aircraft related accident  1915: E85x.x- Drug poisoning  1920: E86x.x- Chemical poisoning  1925: E88x.x- Falls  1930: E89x.x- Fire and flames  1935: E89x.2- Smoke inhalation  1940: E900.x- Excessive heat  1945: E901.x- Excessive cold  1950: E905.x- Venomous stings (plants,</p>

NHO	Data Element Name	Definition	Database Value Codes
			<p>animals)</p> <p>1955: E906.x- Bites  1960: E907.x- Lightning  1965: E910.x- Drowning  1970: E913.x- Mechanical suffocation  1975: E919.x- Machinery accidents  1980: E925.x- Electrocution (non-lightning)  1985: E926.x- Radiation exposure  1990: E985.x- Firearm injury (accidental)  1995: E965.x- Firearm assault  2000: E955.x- Firearm self inflicted  2001: E960.0- Unarmed Fight/Brawl  2005: E960.1- Rape  2010: E966.x- Stabbing assault  2015: E967.x- Child battering  2016: E968.2- Strike by Blunt/Thrown Object</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• Complete only if Injury Present (E9.4) is “Yes”</li> <li>• ICD-9 Codes and E-Codes were retained over ICD-10 due to CMS’s continued use of ICD-9 in the EMS Condition Codes</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 49</u></p> <ul style="list-style-type: none"> <li>• Title: Cause of Injury</li> <li>• E81x.x-Motor vehicle traffic accident, E814.x-Pedestrian traffic accident, E82x.x-Motor vehicle non-traffic accident, E826.x-Bicycle accident, E83x.x-Water transport accident, E84x.x-Aircraft related accident, E85x.x-Accidental drug poisoning, E86x.x-Accidental chemical poisoning, E88x.x-Accidental falls, E89x.x-Fire and flames, E89x.2-Smoke inhalation, E900.x-Excessive heat, E901.x-Excessive cold, E905.x-Venomous stings (plants, animals), E906.x-Bites, E907.x-Lightning, E910.x-Drowning, E913.x-Mechanical suffocation, E919.x-Machinery accidents, E925.x-Electrocution (non-lightning), E926.x-Radiation exposure, E985.x-Firearm injury (accidental), E965.x-Firearm assault, E955.x-Firearm self inflicted (intentional), E960.1-Rape, E966.x-Stabbing assault, E967.x-Child battering, E000.8-Not applicable, E000.9-Unknown</li> <li>• Text Field Size = 4</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Cause of Illness/Injury</li> <li>• The immediate cause or condition responsible for the injury or illness.</li> <li>• Pick-List: Chemical Exposure = 10, Drug Poisoning = 11, Fall = 12, Aircraft Related = 13, Bite, Includes Animal Bites = 14, Bicycle Accident = 15, Building</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			Collapse/Construction Accident = 16, Drowning = 17, Electrical Shock = 18, Cold = 19, Heat = 20, Explosives = 21, Fire and Flames = 22, Firearm = 23, Fireworks = 25, Lightning = 26, Machinery = 27, Mechanical Suffocation = 28, Motor Vehicle Accident = 29, Motor Vehicle Accident, Pedestrian = 30, Non-Traffic Vehicle (off road) Accident = 31, Physical Assault/Abuse = 32, Scalds/Other Thermal = 33, Smoke Inhalation = 34, Stabbing Assault = 35, Venomous Sting = 36, Water Transport = 37, Other Cause of Injury/Illness = 00, Unknown Cause of Injury/Illness = UU
<input type="checkbox"/>	<b>E10.2 Intent of the Injury</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>Used to better define injury cause and describe injury patterns within and EMS community.</li> <li>Important component of an EMS Medical Record (documentation of Intentional, Self)</li> </ul>	The intent of the individual inflicting the injury  <u>Collected by:</u> The EMS personnel if Injury Present (E9.4) is answered Yes.	<p>[single choice combo]</p> <p>2020: Intentional, Other (Assaulted)  2025: Intentional, Self  2030: Unintentional</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Complete only if Injury Present (E9.4) is “Yes”</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 54</u></p> <ul style="list-style-type: none"> <li>Title: Injury Intent</li> <li>1-Intentional, Self, 2-Intentional, Other, 3-Unintentional, 8-Not Applicable, 9-Unknown</li> <li>Text Field Size = 1</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Other Factors</li> <li>Describes the other factors that contributed to the patient’s injury. Not to be completed with an illness.</li> <li>Pick-List: Accidental = 1, Self-Inflicted = 2, Inflicted, Not Self. Included are attacks by animals and persons = 3, None or No Other Factors = N</li> </ul>
<input type="checkbox"/>	<b>E10.3 Mechanism of Injury</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>Used to better define injury potential and describe injury patterns within and EMS community.</li> <li>Important component of an EMS Medical Record to identify issues of clinical care and Unit performance and delivery.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	The mechanism of the event which caused the injury.  <u>Collected by:</u> The EMS personnel if Injury Present (E9.4) is answered Yes.	<p>[multiple choice combo]</p> <p>2035: Blunt  2040: Burn  2045: Other  2050: Penetrating</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Complete only if Injury Present (E9.4) is “Yes”</li> <li>Nullable=See E0</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E10.4 Vehicular Injury Indicators</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>Used to better define injury potential and describe injury patterns within and EMS community.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	The kind of risk factor predictors present at the incident  <u>Collected by:</u> The EMS personnel if Injury Present (E9.4) is answered Yes and there is a vehicle involved.	[multiple choice combo]  2055: Dash Deformity 2060: DOA Same Vehicle 2065: Ejection 2070: Fire 2075: Rollover/Roof Deformity 2080: Side Post Deformity 2085: Space Intrusion >1 Foot 2090: Steering Wheel Deformity 2095: Windshield Spider/Star - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Complete only if Injury Present (E9.4) is "Yes"</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E10.5 Area of the Vehicle impacted by the collision</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>Used to better define injury potential and describe injury patterns within and EMS community.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	The area or location of impact on the vehicle  <u>Collected by:</u> The EMS personnel if Injury Present (E9.4) is answered Yes and there is a vehicle involved.	[multiple choice combo]  2100: Center Front 2105: Center Rear 2110: Left Front 2115: Left Rear 2120: Left Side 2125: Right Front 2130: Right Rear 2135: Right Side 2140: Rollover - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Complete only if Injury Present (E9.4) is "Yes"</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E10.6 Seat Row Location of Patient in Vehicle</b>  <u>Possible Reports and Data Use:</u> <ul style="list-style-type: none"> <li>Used to better define injury potential and describe injury patterns within and EMS community.</li> <li>Important component of an EMS Medical Record to identify issues of clinical care and Unit performance and delivery.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	The seat row location of the patient in vehicle at the time of the crash with the front seat numbered as 1.  <u>Collected by:</u> The EMS personnel if Injury Present (E9.4) is answered Yes and there is a vehicle involved.	[text] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Complete only if Injury Present (E9.4) is "Yes"</li> <li>Numbered to take into account large vehicles such as buses or vans (1 = Front) or Cargo Area = 50</li> <li>Could be configured as a single choice combo box.</li> <li>Associated with E10.7</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E10.7 Position of Patient in the Seat of the Vehicle</b>	The position of the patient in seat of the vehicle at the time of the crash  <u>Collected by:</u>	[single choice combo]  2145: Driver 2150: Left (Non-Driver) 2155: Middle

NHO	Data Element Name	Definition	Database Value Codes
	<p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>Used to better define injury potential and describe injury patterns within and EMS community.</li> <li>Important component of an EMS Medical Record to identify issues of clinical care and Unit performance and delivery.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p>The EMS personnel if Injury Present (E9.4) is answered Yes and there is a vehicle involved.</p>	<p><b>2160: Other</b>  <b>2165: Right</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Complete only if Injury Present (E9.4) is "Yes"</li> <li>Associated with E10.6</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E10.8 Use of Occupant Safety Equipment</b></p> <p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>Used to better define injury potential and describe injury patterns within and EMS community.</li> <li>Important component of an EMS Medical Record to identify issues of clinical care and Unit performance and delivery.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p>Safety equipment in use by the patient at the time of the injury</p> <p><u>Collected by:</u>  The EMS personnel if Injury Present (E9.4) is answered Yes and there is a vehicle involved.</p>	<p>[multiple choice combo]</p> <p><b>2170: Child Restraint</b>  <b>2175: Eye Protection</b>  <b>2180: Helmet Worn</b>  <b>2185: Lap Belt</b>  <b>2190: Other</b>  <b>2195: Personal Floatation Device</b>  <b>2200: Protective Clothing</b>  <b>2205: Protective Non-Clothing Gear</b>  <b>2210: Shoulder Belt</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Complete only if Injury Present (E9.4) is "Yes"</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 55</u></p> <ul style="list-style-type: none"> <li>Title: Safety Equipment</li> <li>01-None, 02-Shoulder Belt Only, 03-Lap Belt Only, 04-Shoulder and Lap Belt, 05-Child Safety Seat, 06-Airbag Deployed, No Lap Belt, 07-Airbag Deployed, Lab Belt Used, 08-Airbag Deployed, Lap and Shoulder Belt Used, 09-Airbag Deployed, Child Safety Seat Used, - 10-Helmet, 11-Eye Protection, 12-Protective Clothing, 13-Personal Floatation Device, 14-Protective Clothing/Gear, 88-Not Applicable, 99-Unknown</li> <li>Text Field Size = 2 (double digit code)</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Safety Equipment</li> <li>Multiple Select Pick-List: Safety, Seat Belts =1, Child Safety Seat = 2, Airbag = 3, Helmet = 4, Protective Clothing = 5, Flotation Device = 6, None or No Safety Equipment = N, Other Safety Equipment Used = O, Undetermined Safety Equipment = U</li> </ul>
<input type="checkbox"/>	<p><b>E10.9 Airbag Deployment</b></p>	<p>Indication of Airbag deployment during the motor vehicle crash.</p>	<p>[multiple choice combo]</p> <p><b>2215: No Airbag Present</b></p>

NHO	Data Element Name	Definition	Database Value Codes
	<p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>Used to better define injury potential and describe injury patterns within and EMS community.</li> <li>Important component of an EMS Medical Record to identify issues of clinical care and Unit performance and delivery.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p><b>Collected by:</b> The EMS personnel if Injury Present (E9.4) is answered Yes and there is a vehicle involved.</p>	<p><b>2220: No Airbag Deployed</b>  <b>2225: Airbag Deployed Front</b>  <b>2230: Airbag Deployed Side</b>  <b>2235: Airbag Deployed Other (knee, airbelt, etc.)</b>  <b>- 5: Not Available</b>  <b>-10: Not Known</b>  <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>Complete only if Injury Present (E9.4) is "Yes"</li> <li>Nullable=See E0</li> </ul> <p><b>NHTSA 1.0 Essential Element 55</b></p> <ul style="list-style-type: none"> <li>Title: Safety Equipment</li> <li>01-None, 02-Shoulder Belt Only, 03-Lap Belt Only, 04-Shoulder and Lap Belt, 05-Child Safety Seat, 06-Airbag Deployed, No Lap Belt, 07-Airbag Deployed, Lab Belt Used, 08-Airbag Deployed, Lap and Shoulder Belt Used, 09-Airbag Deployed, Child Safety Seat Used, - 10-Helmet, 11-Eye Protection, 12-Protective Clothing, 13-Personal Floatation Device, 14-Protective Clothing/Gear, 88-Not Applicable, 99-Unknown</li> <li>Text Field Size = 2 (double digit code)</li> </ul> <p><b>NFIRS 5.0: EMS Module</b></p> <ul style="list-style-type: none"> <li>Title: Safety Equipment</li> <li>Multiple Select Pick-List: Safety, Seat Belts =1, Child Safety Seat = 2, Airbag = 3, Helmet = 4, Protective Clothing = 5, Flotation Device = 6, None or No Safety Equipment = N, Other Safety Equipment Used = O, Undetermined Safety Equipment = U</li> </ul>
<input type="checkbox"/>	<p><b>E10.10 Height of Fall</b></p> <p><b>Possible Reports and Data Use:</b></p> <ul style="list-style-type: none"> <li>Used to better define injury potential and describe injury patterns within and EMS community.</li> <li>Important component of an EMS Medical Record to identify issues of clinical care and Unit performance and delivery.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p>The distance in feet the patient fell, measured from the lowest point of the patient to the ground.</p> <p><b>Collected by:</b> The EMS personnel if Injury Present (E9.4) is answered Yes.</p>	<p><b>[Number] Value or</b></p> <p><b>- 5: Not Available</b>  <b>-10: Not Known</b>  <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>Complete only if Injury Present (E9.4) is "Yes"</li> <li>Nullable=See E0</li> </ul>
<b>Section E11: Situation/CPR</b>			
<input type="checkbox"/>	<p><b>E11.1 Cardiac Arrest</b></p>	<p>Indication of the presence of a cardiac arrest at any time.</p> <p><b>Collected by:</b> The EMS personnel</p>	<p><b>[single choice combo]</b></p> <p><b>2240: Yes, Prior to EMS Arrival</b>  <b>2245: Yes, After EMS Arrival</b>  <b>0: No</b></p>



NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>If answered YES, all other data points in the Situation/CPR should be addressed.</li> <li>Nullable=See E0</li> </ul> <p><u>Utstein 2002</u></p> <ul style="list-style-type: none"> <li>Title: Confirmed Cardiac Arrests Considered for Resuscitation</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Cardiac Arrest</li> <li>Pick-List: Pre-Arrival Arrest = 1, Post-Arrival Arrest = 2</li> </ul>
<input type="checkbox"/>	<b>E11.2 Cardiac Arrest Etiology</b>	<p>Indication of the etiology or cause of the cardiac arrest (classified as cardiac, non-cardiac, etc.) (Utstein #5)</p> <p><u>Collected by:</u> The EMS personnel if Cardiac Arrest (E11.1) is answered Yes</p>	<p>[single choice combo]</p> <p><b>2250: Presumed Cardiac</b>  <b>2255: Trauma</b>  <b>2260: Drowning</b>  <b>2265: Respiratory</b>  <b>2270: Electrocution</b>  <b>2275: Other</b></p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Complete only if Cardiac Arrest (E11.1) is "Yes"</li> <li>Nullable=See E0</li> </ul> <p><u>Utstein 2002</u></p> <ul style="list-style-type: none"> <li>Title: Cardiac Etiology</li> <li>Presumed Cardiac = C, Trauma = T, Drowning = D, Respiratory = R, Other = O, Unknown = U</li> </ul>
<input type="checkbox"/>	<b>E11.3 Resuscitation Attempted</b>	<p>Indication of an attempt to resuscitate the patient who is in cardiac arrest (attempted, not attempted due to DNR, etc.)</p> <p><u>Collected by:</u> The EMS personnel if Cardiac Arrest (E11.1) is answered Yes</p>	<p>[multiple choice combo]</p> <p><b>2280: Attempted Defibrillation</b>  <b>2285: Attempted Ventilation</b>  <b>2290: Initiated Chest Compressions</b>  <b>2295: Not Attempted-Considered Futile</b>  <b>2300: Not Attempted-DNR Orders</b>  <b>2305: Not Attempted-Signs of Circulation</b></p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Complete only if Cardiac Arrest (E11.1) is "Yes"</li> <li>Nullable=See E0</li> </ul> <p><u>Utstein 2002</u></p> <ul style="list-style-type: none"> <li>Title: Resuscitations Attempted</li> <li>Attempted Defibrillation = D, Attempted Chest Compressions = C, Attempted</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			Ventilation = V, Not Attempted-DNR Orders = R, Not Attempted-Considered Futile = F, Not Attempted-Signs of Circulation = A, Unknown = U, Not Recorded = X
<input type="checkbox"/>	<p><b>E11.4 Arrest Witnessed by</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Allows EMS data to give some description of any aid which was provide prior to EMS arrival to the patient</li> <li>Allows EMS data to be sorted base on the Witnessed or Un-Witnessed Arrest which is a known key element associated with Cardiac Arrest Outcome.</li> <li>Used as a Quality Management tool to evaluate Bystander and First Responder involvement.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p>Indication of who the cardiac arrest was witnessed by</p> <p><u>Collected by:</u> The EMS personnel if Cardiac Arrest (E11.1) is answered Yes</p>	<p>[single choice combo]</p> <p><b>2310: Witnessed by Healthcare Provider</b>  <b>2315: Witnessed by Lay Person</b>  <b>2320: Not Witnessed</b>            - 5: Not Available            -10: Not Known            -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Complete only if Cardiac Arrest (E11.1) is "Yes"</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 62</u></p> <ul style="list-style-type: none"> <li>Title: Witness of Cardiac Arrest</li> <li>01-Bystander, 02-EMS Responder, 88-Not Applicable, 99-Unknown</li> <li>Text Field Size = 1</li> </ul> <p><u>Utstein 2002</u></p> <ul style="list-style-type: none"> <li>Title: Arrest Witnessed/Monitored</li> <li>[combo] Lay Person = L, Healthcare Provider = H</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Pre-Arrival Details</li> <li>Pick-List: Witnessed = 1, Bystander CPR = 2</li> </ul>
<input type="checkbox"/>	<p><b>E11.5 First Monitored Rhythm of the Patient</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and Unit response.</li> <li>Allows EMS data to be sorted base on the First Monitored Rhythm of a cardiac arrest.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p>Documentation of what the first monitored rhythm which was noted</p> <p><u>Collected by:</u> The EMS personnel if Cardiac Arrest (E11.1) is answered Yes</p>	<p>[single choice combo]</p> <p><b>2325: Asystole</b>  <b>2330: Bradycardia</b>  <b>2335: Normal Sinus Rhythm</b>  <b>2340: Other</b>  <b>2345: PEA</b>  <b>2350: Unknown AED Non-Shockable Rhythm</b>  <b>2355: Unknown AED Shockable Rhythm</b>  <b>2360: Ventricular Fibrillation</b>  <b>2365: Ventricular Tachycardia</b>            - 5: Not Available            -10: Not Known            -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Complete only if Cardiac Arrest (E11.1) is "Yes"</li> <li>Nullable=See E0</li> </ul> <p><u>Utstein 2002</u></p> <ul style="list-style-type: none"> <li>Title: First Monitored Rhythm Shockable (in Cardiac Arrest) and First Monitored Rhythm Non-Shockable</li> <li>[combo] Ventricular Fibrillation, Ventricular Tachycardia, Unknown AED Shockable</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<p>Rhythm, Asystole, PEA, Bradycardia, Other, Unknown AED Non-Shockable Rhythm</p> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Initial Arrest Rhythm</li> <li>Pick-List: V-Fib//V-Tach = 1, Other = O, Undetermined = U</li> </ul>
<input type="checkbox"/>	<p><b>E11.6 Any Return of Spontaneous Circulation</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and Unit response.</a></li> <li><a href="#">Allows EMS data to be sorted base on the Return of Spontaneous Circulation associated with a cardiac arrest.</a></li> <li><a href="#">A component of the EMS Medical Record (Patient Care Report).</a></li> </ul>	<p>Indication whether or not there was any return of spontaneous circulation</p> <p><u>Collected by:</u> The EMS personnel if Cardiac Arrest (E11.1) is answered Yes</p>	<p>[single choice combo]</p> <p><b>2370:</b> Yes, Prior to ED Arrival Only <b>2375:</b> Yes, Prior to ED Arrival and at the ED <b>0:</b> No <b>- 5:</b> Not Available <b>-10:</b> Not Known <b>-25:</b> Not Applicable</p> <ul style="list-style-type: none"> <li>Complete only if Cardiac Arrest (E11.1) is "Yes"</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 64</u></p> <ul style="list-style-type: none"> <li>Title: Return of Spontaneous Circulation</li> <li>01-Yes, 02-No, 88-Not Applicable</li> </ul> <p><u>Utstein 2002</u></p> <ul style="list-style-type: none"> <li>Title: Any Return of Spontaneous Circulation (ROSC)</li> <li>[combo] Yes = Y, No = No, U = Unknown</li> </ul>
<input type="checkbox"/>	<p><b>E11.7 Neurological Outcome at Hospital Discharge</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and Unit response.</a></li> </ul>	<p>The level of cerebral performance of the patient at the time of discharge from the Hospital</p> <p><b>Cerebral Performance Categories:</b></p> <ul style="list-style-type: none"> <li><b>1. Good Cerebral Performance.</b> Conscious, Alert, able to work and lead a normal life.</li> <li><b>2. Moderate Cerebral Disability.</b> Conscious. Able to function independently (dress, travel, prepare food). May have Hemiplegia, Seizures, or permanent memory or mental changes)</li> <li><b>3. Severe Cerebral Disability.</b> Conscious. Dependent on others for daily support. Functions only in an institution or at home with exceptional family effort.</li> <li><b>4. Coma, Vegetative state.</b></li> </ul>	<p>[single choice combo]</p> <p><b>2380:</b> CPC 1 or 2 <b>2385:</b> CPC 3 or 4 <b>- 5:</b> Not Available <b>-10:</b> Not Known <b>-25:</b> Not Applicable</p> <ul style="list-style-type: none"> <li>Complete only if Cardiac Arrest (E11.1) is "Yes"</li> <li>Nullable=See E0</li> </ul> <p><u>Utstein 2002</u></p> <ul style="list-style-type: none"> <li>Title: Neurological Outcome at Discharge</li> <li>[combo] CPC 1 or 2, CPC 3 or 4, Unknown</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
		<u>Collected by:</u> The EMS personnel if Cardiac Arrest (E11.1) is answered Yes	
<input type="checkbox"/>	<b>E11.8 Estimated Time of Arrest Prior to EMS Arrival</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and Unit response.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	The length of time the patient was down (estimated) before the responding unit arrived at the patient  <u>Collected by:</u> The EMS personnel if Cardiac Arrest (E11.1) is answered Yes	<b>[single choice combo]</b>  <b>2390:</b> >20 Minutes <b>2395:</b> 15-20 Minutes <b>2400:</b> - 10-15 Minutes <b>2405:</b> 8-10 Minutes <b>2410:</b> 6-8 Minutes <b>2415:</b> 4-6 Minutes <b>2420:</b> 2-4 Minutes <b>2425:</b> 0-2 Minutes - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Complete only if Cardiac Arrest (E11.1) is "Yes"</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E11.9 Date/Time Resuscitation Discontinued</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and Unit response.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	The date/time the CPR was discontinued (or could be time of death)  <u>Collected by:</u> The EMS personnel if Cardiac Arrest (E11.1) is answered Yes	<b>[date/time]</b>  <ul style="list-style-type: none"> <li>Complete only if Cardiac Arrest (E11.1) is "Yes"</li> <li>If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used:               <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Nullable=See E0</li> </ul> <b>NHTSA 1.0 Desirable Element 60</b> <ul style="list-style-type: none"> <li>Title: Time CPR Discontinued</li> <li>Date/Time Field coded as HHMM</li> </ul>
<input type="checkbox"/>	<b>E11.10 Reason CPR Discontinued</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and Unit response.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	The reason that CPR or the resuscitation efforts were discontinued.  <u>Collected by:</u> The EMS personnel if Cardiac Arrest (E11.1) is answered Yes	<b>[single choice combo]</b>  <b>2430:</b> DNR <b>2435:</b> Medical Control Order <b>2440:</b> Obvious Signs of Death <b>2445:</b> Protocol/Policy Requirements Completed <b>2450:</b> Return of Spontaneous Circulation (pulse or BP noted) - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Complete only if Cardiac Arrest (E11.1) is "Yes"</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E11.11 Cardiac Rhythm on Arrival at</b>	The patient's cardiac rhythm upon delivery or transfer to the destination	<b>[multiple choice combo]</b>  <b>2455:</b> 12 Lead ECG-Anterior Ischemia

NHO	Data Element Name	Definition	Database Value Codes
	<b>Destination</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and Unit response.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<u>Collected by:</u> The EMS personnel if Cardiac Arrest (E11.1) is answered Yes	2460: 12 Lead ECG-Inferior Ischemia 2465: 12 Lead ECG-Lateral Ischemia 2470: Agonal/ Idioventricular 2475: Artifact 2480: Asystole 2485: Atrial Fibrillation/Flutter 2490: AV Block-1st Degree 2495: AV Block-2nd Degree-Type 1 2500: AV Block-2nd Degree-Type 2 2505: AV Block-3rd Degree 2510: Junctional 2515: Left Bundle Branch Block 2520: Normal Sinus Rhythm 2525: Other 2530: Paced Rhythm 2535: PEA 2540: Premature Atrial Contractions 2545: Premature Ventricular Contractions 2550: Right Bundle Branch Block 2555: Sinus Arrhythmia 2560: Sinus Bradycardia 2565: Sinus Tachycardia 2570: Supraventricular Tachycardia 2575: Torsades De Points 2580: Unknown AED Non-Shockable Rhythm 2585: Unknown AED Shockable Rhythm 2590: Ventricular Fibrillation 2595: Ventricular Tachycardia - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Complete only if Cardiac Arrest (E11.1) is "Yes"</li> <li>This data point could be completed by documentation of the final rhythm in the Vital Signs Section with the appropriate time.</li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Desirable Element 67</u> <ul style="list-style-type: none"> <li>Title: Rhythm at Destination</li> <li>01- Sinus, 02-Other Rhythm from 60-100 (not otherwise listed), 03-Paced Rhythm, 04-Bradycardia, 05-Extrasystoles, 06-Narrow Complex Tachycardia, 07-Wide Complex Tachycardia, 08-Ventricular Fibrillation, 09-Asystole, - 10-Pulseless Electrical Activity, 88-Not Applicable, 99-Unknown</li> <li>Text Field Size = 2 (double digit code)</li> </ul>
<b>Section E12: Medical History</b>			
<input type="checkbox"/>	<b>E12.1 Barriers to Patient Care</b>	Indication of whether or not there were any patient specific barriers to serving the patient at the scene  <u>Collected by:</u>	[multiple choice combo]  2600: Developmentally Impaired 2605: Hearing Impaired 2610: Language 2615: None

NHO	Data Element Name	Definition	Database Value Codes
		The EMS personnel.	<p> <b>2620: Physically Impaired</b>  <b>2625: Physically Restrained</b>  <b>2630: Speech Impaired</b>  <b>2635: Unattended or Unsupervised (including minors)</b>  <b>2640: Unconscious</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable </p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul> <p><b>NHTSA 1.0 Desirable Element 56</b></p> <ul style="list-style-type: none"> <li>• <b>Title: Factors Affecting EMS Delivery of Care</b></li> <li>• <b>Pick-list: 01-Adverse Weather, 02-Adverse Road Conditions, 03-Vehicle Problems, 04-Unsafe Scene, 05-Language Barrier, 06-Prolonged Extrication (&gt;20 minutes), 07-Hazardous Material, 08-Crowd Control, 09-Other, 88-Not Applicable</b></li> <li>• <b>Text Field Size=2 (for double digit code)</b></li> </ul> <p><b>NFIRS 5.0: EMS Module</b></p> <ul style="list-style-type: none"> <li>• <b>Title: Human Factors</b></li> <li>• <b>Describes the human factors that contributed to the patient's injury.</b></li> <li>• <b>Pick-List: Asleep = 1, Unconscious = 2, Possibly Impaired by Alcohol = 3, Possibly Impaired by Other Drug or Chemical = 4, Possibly Mentally Disabled = 5, Physically Disabled = 6, Physically Restrained = 7, Unattended or Unsupervised Person, Included are too young to act = 8, None or No Human Factors = N</b></li> </ul>
<input type="checkbox"/>	<p><b>E12.2 Sending Facility Medical Record Number</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Used to link EMS data to Hospital Data</a></li> <li>• <a href="#">Used to connect information between two hospitals.</a></li> <li>• <a href="#">A component of the EMS Medical Record (Patient Care Report).</a></li> </ul>	<p>The medical record number of the medical facility who is transferring care to EMS</p> <p><u>Collected by:</u> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.</p>	<p>[text] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<p><b>E12.3 Destination Medical Record Number</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Used to link EMS data to Hospital Data</a></li> <li>• <a href="#">Used to connect information between two hospitals.</a></li> <li>• <a href="#">A component of the EMS Medical</a></li> </ul>	<p>The patient's medical record number at the patient's receiving facility</p> <p><u>Collected by:</u> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.</p>	<p>[text] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>



NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">Record (Patient Care Report).</a>		
<input type="checkbox"/>	<b>E12.4 First Name of Patient's Primary Practitioner</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> </ul>	The full name (First and Last) of the patient's primary practitioner  <u>Collected by:</u> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	[ <b>text</b> ] Value or - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated with E12.5 and E12.6</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E12.5 Middle Name of Patient's Primary Practitioner</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> </ul>	The full name (First and Last) of the patient's primary practitioner  <u>Collected by:</u> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	[ <b>text</b> ] Value or - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated with E12.4 and E12.6</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E12.6 Last Name of Patient's Primary Practitioner</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> </ul>	The full name (First and Last) of the patient's primary practitioner  <u>Collected by:</u> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	[ <b>text</b> ] Value or - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated with E12.4 and E12.5</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E12.7 Advanced Directives</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Can be used to describe the EMS population and adjust EMS resources as needed.</a></li> </ul>	The presence of a valid for of living will of document directing end of life or healthcare treatment decisions  <u>Collected by:</u> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	[ <b>multiple choice combo</b> ] 2645: State/EMS DNR Form 2650: Other Healthcare DNR Form 2655: Living Will 2660: Family/Guardian request DNR (but no documentation) 2665: Other 2670: None - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E12.8 Medication Allergies</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> </ul>	The patient's medication allergies  <u>Collected by:</u> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	[ <b>multiple choice combo or mult. entry text</b> ] Value or - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>A Drug List should be created which can contain any generic or trade name of a drug approved by the FDA.</li> <li>The List should also include NKDA (no known drug allergies).</li> <li>Alternatively, the drugs may be entered as a multiple entry text configuration.</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E12.9 Environmental/Food Allergies</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> </ul>	The patient's known allergies to food or environmental agents.  <u>Collected by:</u> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	<ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> [multiple choice combo] 2675: Insect Sting 2680: Food Allergy 2685: Latex 2690: Chemical 2695: Other 2700: None <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E12.10 Medical/Surgical History</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> </ul>	The patient's pre-existing medical and surgery history of the patient  <u>Collected by:</u> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	[multiple choice combo or mult. entry text] Value or - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>A Medical/Surgical History list should be created which can contain any ICD-9 coded diagnosis or procedure.</li> <li>The field should store the values of the ICD-9 codes since CMS has not adopted ICD-10 level codes at the time of this document.</li> <li>Nullable-See E0</li> </ul> <u>NHTSA 1.0 Desirable Element 51</u> <ul style="list-style-type: none"> <li>Title: Pre-Existing Condition</li> <li>493.90-Asthma, 250.00-Diabetes, 011.90-Tuberculosis, 492.80-Emphysema, 518.81-Chronic Respiratory Failure, 585.00-Chronic Renal Failure, 239.90-Cancer, 401.90-Hypertension, 312.90-Psychiatric Problems, 780.30-Seizure Disorder, V44.00-Tracheostomy</li> <li>Text Field Size=5</li> </ul>
<input type="checkbox"/>	<b>E12.11 Medical History Obtained From</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> </ul>	Type of person medical history obtained from  <u>Collected by:</u> The EMS personnel	[single choice combo] 2705: Bystander/Other 2710: Family 2715: Health Care Personnel 2720: None 2725: Patient <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E12.12 Immunization History</b>	The type of immunization the patient has received.	[multiple choice combo] 2730: Anthrax

NHO	Data Element Name	Definition	Database Value Codes
	<b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of the Medical History of the patient and could be important in a Bioterrorism event.</li> </ul>	<b>Collected by:</b> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	2735: DPT (Diphtheria, Tetanus, Pertussis) 2740: Hemophilus Influenza B 2745: Hepatitis A 2750: Hepatitis B 2755: Influenza (Flu) 2760: MMR (Measles, Mumps, Rubella) 2765: Polio = 8, Pneumococcal (pneumonia) 2770: Small Pox 2775: Tetanus 2780: Varicella - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E12.13</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E12.13 Immunization Date</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of the Medical History of the patient and could be important in a Bioterrorism event.</li> </ul>	The date of the associated immunization type (E138).  <b>Collected by:</b> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	[text] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Year (YYYY)</li> <li>Could be configured with a list box of years formatted as YYYY.</li> <li>Associated with E12.12</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E12.14 Current Medications</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> </ul>	The medications the patient currently takes  <b>Collected by:</b> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	[multiple choice combo or mult. entry text] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>A Drug List should be created which can contain any generic or trade name of a drug approved by the FDA.</li> <li>The List should also include "None".</li> <li>Alternatively, the drugs may be entered as a multiple entry text configuration.</li> <li>Associated with E12.13 through E12.17</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E12.15 Current Medication Dose</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record.</li> </ul>	The numeric dose or amount of the patient's current medication  <b>Collected by:</b> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	[Number] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E12.14</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E12.16 Current Medication Dosage Unit</b>	The dosage unit of the patient's current medication  <b>Collected by:</b>	[single choice combo]  2785: GMS 2790: Inches

NHO	Data Element Name	Definition	Database Value Codes
	<p><b>Reports Possible and Data Use:</b></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> </ul>	<p>The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.</p>	<p>2795: IU  2800: KVO (TKO)  2805: L/MIN  2810: LITERS  2815: LPM  2820: MCG  2825: MCG/KG/MIN  2830: MEQ  2835: MG  2840: MG/KG/MIN  2845: ML  2850: ML/HR  2855: Other  2860: Puffs  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Associated with E12.14</li> <li>Nullable=See E0</li> </ul> <p><u>DEEDS/HL-7 Version 2.3</u></p>
<input type="checkbox"/>	<p><b>E12.17 Current Medication Administration Route</b></p> <p><b>Reports Possible and Data Use:</b></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> </ul>	<p>The administration route (po, SQ, etc.) of the patients current medication</p> <p><b>Collected by:</b>  The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.</p>	<p>[single choice combo]</p> <p>2865: Endotracheal tube  2870: Gastronomy tube  2875: Inhalation  2880: Intramuscular  2885: Intranasal  2890: Intraocular  2891: Intraosseous  2895: Intravenous  2900: Nasal  2905: Nasal prongs  2910: Nasogastric  2915: Ophthalmic  2920: Oral  2925: Other/miscellaneous  2930: Otic  2935: Re-breather mask  2940: Rectal  2945: Subcutaneous  2950: Sublingual  2955: Topical  2960: Tracheostomy  2965: Transdermal  2970: Urethral  2975: Ventimask  2980: Wound  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Associated with E12.14</li> <li>Nullable=See E0</li> </ul> <p><u>DEEDS/HL-7 Version 2.3</u></p> <ul style="list-style-type: none"> <li>[combo] Apply externally = AP, Buccal = B,</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			Dental = DT, Epidural = EP, Endotracheal tube = ET, Gastronomy tube = GTT, Genitourinary irrigant = GU, Intraarterial = IA, Intrabursal = IB, Intracardiac = IC, Intracervical (uterus) = ICV, Intradermal = ID, Inhalation = IH, Intrahepatic artery = IHA, Intramuscular = IM, Immerse body part = IMR, Intranasal = IN, Intraocular = IO, Intraperitoneal = IP, Intrasynovial = IS, Intrathecal = IT, Intrauterine = IU, Intravenous = IV, Mucous membrane = MM, Mouth = MTH, Nasogastric = NG, Nasal prongs = NP, Nasal = NS, Nasotracheal tube = NT, Ophthalmic = OP, Otic = OT, Other/miscellaneous = OTH, Perfusion = PF, Oral = PO, Rectal = PR, Rebreather mask = RM, Subcutaneous = SC, Soaked dressing = SD, Sublingual = SL, Transdermal = TD, Translingual = TL, Topical = TP, Tracheostomy = TRA, Urethral = UR, Vaginal = VG, Ventimask = VM, Wound = WND
<input type="checkbox"/>	<b>E12.18 Presence of Emergency Information Form</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Used to identify EMS patient's who may need special EMS resources within a community.</li> <li>Used to quickly identify patients during an Emergency or Disaster who may need additional resources or evacuation.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	Indication of the presence of the Emergency Information Form associated with patient's with special healthcare needs.  <u>Collected by:</u> The EMS personnel or could be electronically transferred from a pre-existing Patient Care Report or hospital record linkage.	[ <b>single choice combo</b> ]  <b>0: No</b> <b>1: Yes</b> <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b>  • <b>Nullable=See E0</b>
<input type="checkbox"/>	<b>E12.19 Alcohol/Drug Use Indicators</b>	Indicators for the potential use of Alcohol or Drugs by the patient.  <u>Collected by:</u> The EMS personnel.	[ <b>multiple choice combo</b> ]  <b>2985: Smell of Alcohol on Breath</b> <b>2990: Patient Admits to Alcohol Use</b> <b>2995: Patient Admits to Drug Use</b> <b>3000: Alcohol and/or Drug Paraphernalia at Scene</b> <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b>  • <b>Nullable=See E0</b>  <u>NHTSA 1.0 Essential Element 57</u> <ul style="list-style-type: none"> <li>Title: Suspected Alcohol/Drug Use</li> <li>1-Alcohol, yes, 2-Drugs, yes, 3-Alcohol/Drugs, yes, 4-No, 8-Not Applicable, 9-Unknown</li> <li>Text Field Size=1 (single digit code)</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<b>NFIRS 5.0: EMS Module</b> <ul style="list-style-type: none"> <li>Title: Human Factors</li> <li>Describes the human factors that contributed to the patient's injury.</li> <li>Pick-List: Asleep = 1, Unconscious = 2, Possibly Impaired by Alcohol = 3, Possibly Impaired by Other Drug or Chemical = 4, Possibly Mentally Disabled = 5, Physically Disabled = 6, Physically Restrained = 7, Unattended or Unsupervised Person, Included are too young to act = 8, None or No Human Factors = N</li> </ul>
<input type="checkbox"/>	<b>E12.20 Pregnancy</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> </ul>	Indication of the possibility by the patient's history of current pregnancy  <u>Collected by:</u> The EMS personnel.	<b>[single choice combo]</b>  <b>0: No</b> <b>1: Yes</b> <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b>  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<b>Section E13: Narrative</b>			
<input type="checkbox"/>	<b>E13.1 Run Report Narrative</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> </ul>	The narrative of the run report  <u>Collected by:</u> The EMS personnel but could be auto-generated based on the information entered into an electronic patient care report.	<b>[text] Value or</b>  <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b>  <ul style="list-style-type: none"> <li>Large capacity text field such as a "memo" or equivalent</li> <li>Nullable=See E0</li> </ul>
<b>Section E14: Assessment / Vital Signs</b>			
<input type="checkbox"/>	<b>E14.1 Date/Time Vital Signs Taken</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Provides documentation of Assessment and Care.</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	The date/time vital signs were taken on the patient  <u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.	<b>[date/time]</b>  <ul style="list-style-type: none"> <li>Multiple Entry Configuration to allow multiple sets of Vital Signs</li> <li>If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used:               <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Nullable=See E0</li> </ul> <b>NFIRS 5.0: EMS Module</b> <ul style="list-style-type: none"> <li>Title: Patient Pulse</li> <li>Presence of a Pulse at the time of patient transfer to another service.</li> <li>Pick-List: Pulse on Transfer = 1, No Pulse of Transfer = 2</li> </ul>
<input type="checkbox"/>	<b>E14.2 Obtained Prior to</b>	Indicates that the information	<b>[single choice combo]</b>

NHO	Data Element Name	Definition	Database Value Codes
	<p><b>this Units EMS Care</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>which is documented was obtained prior to the documenting EMS units care.</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>0: No 1: Yes - 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Associated with E14.1</li> <li>• If E14.2 is "Yes", the Date/Time Vital Signs Taken (E14.1) is not required.</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E14.3 Cardiac Rhythm</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>The initial cardiac rhythm of the patient as interpreted by EMS personnel</p> <p><u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.</p>	<p>[multiple choice combo]</p> <p>3005: 12 Lead ECG-Anterior Ischemia 3010: 12 Lead ECG-Inferior Ischemia 3015: 12 Lead ECG-Lateral Ischemia 3020: Agonal/Idioventricular 3025: Artifact 3030: Asystole 3035: Atrial Fibrillation/Flutter 3040: AV Block-1st Degree 3045: AV Block-2nd Degree-Type 1 3050: AV Block-2nd Degree-Type 2 3055: AV Block-3rd Degree 3060: Junctional 3065: Left Bundle Branch Block 3070: Normal Sinus Rhythm 3075: Other 3080: Paced Rhythm 3085: PEA 3090: Premature Atrial Contractions 3095: Premature Ventricular Contractions 3100: Right Bundle Branch Block 3105: Sinus Arrhythmia 3110: Sinus Bradycardia 3115: Sinus Tachycardia 3120: Supraventricular Tachycardia 3125: Torsades De Points 3130: Unknown AED Non-Shockable Rhythm 3135: Unknown AED Shockable Rhythm 3140: Ventricular Fibrillation 3145: Ventricular Tachycardia - 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Associated with E14.1</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 66</u></p> <ul style="list-style-type: none"> <li>• Title: Initial Cardiac Rhythm</li> <li>• 01- Sinus, 02-Other Rhythm from 60-100 (not otherwise listed), 03-Paced Rhythm, 04-Bradycardia, 05-Extrasystoles, 06-Narrow Complex Tachycardia, 07-Wide Complex Tachycardia, 08-Ventricular Fibrillation, 09-Asystole, - 10-Pulseless Electrical Activity, 88-Not Applicable, 99-</li> </ul>



NHO	Data Element Name	Definition	Database Value Codes
			Unknown <ul style="list-style-type: none"> <li>Text Field Size = 2 (double digit code)</li> </ul>
<input type="checkbox"/>	<b>E14.4 SBP</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The patient's systolic blood pressure  <u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.	[Number] Value or  - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Could be collected from E21.14</li> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Essential Element 70</u> <ul style="list-style-type: none"> <li>Title: Systolic Blood Pressure</li> <li>[systolic blood pressure] or 888-Not Obtained, 999-Unknown</li> <li>Numeric Field</li> </ul>
<input type="checkbox"/>	<b>E14.5 DBP</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The patient's diastolic blood pressure  <u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.	[Number] Value or  - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Could be collected from E21.15</li> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Essential Element 71</u> <ul style="list-style-type: none"> <li>Title: Diastolic Blood Pressure</li> <li>[diastolic blood pressure] or 888-Not Obtained, 999-Unknown</li> <li>Numeric Field</li> </ul>
<input type="checkbox"/>	<b>E14.6 Method of Blood Pressure</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	Indication of method of blood pressure procedure.  <u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.	[single choice combo]  <b>3150: Arterial Line</b> <b>3155: Automated Cuff</b> <b>3160: Manual Cuff</b> <b>3165: Palpated Cuff</b> <b>3170: Venous Line</b> - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated with E14.1</li> <li>Associated with E14.4 and E14.5</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E14.7 Pulse Rate</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for</li> </ul>	The patient's pulse rate, palpated or auscultated, expressed as a number per minute  <u>Collected by:</u> The EMS personnel or a Medical Device which can	[Number] Value or  - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Could be collected from E21.13</li> <li>Associated with E14.1</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">the evaluation of Care and EMS Unit Performance.</a>	electronically transfer the information to the EMS Unit's database.	<ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul> <p><u>NHTSA 1.0 Essential Element 65</u></p> <ul style="list-style-type: none"> <li>• Title: Pulse Rate</li> <li>• [Number] or 888-Not Obtained, 999-Unknown</li> <li>• Numeric Field</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Patient Pulse</li> <li>• Presence of a Pulse at the time of patient transfer to another service.</li> <li>• Pick-List: Pulse on Transfer = 1, No Pulse of Transfer = 2</li> </ul>
<input type="checkbox"/>	<p><b>E14.8 Electronic Monitor Rate</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>The patient's heart rate as recorded by an electronic monitoring device (ECG, pulse oximetry, etc.)</p> <p><u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.</p>	<p>[Number] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Could be collected from E21.12</li> <li>• Associated with E14.1</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E14.9 Pulse Oximetry</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>The patient's oxygen saturation</p> <p><u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.</p>	<p>[Number] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Could be collected from E21.17</li> <li>• Associated with E14.1</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E14.10 Pulse Rhythm</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>The clinical rhythm of the patients pulse (regular, irregular, etc.)</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[single choice combo]</p> <p>3175: Regular 3180: Irregular</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Associated with E14.1</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E14.11 Respiratory Rate</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>The patient's respiratory rate expressed as a number per minute</p> <p><u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.</p>	<p>[Number] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Could be collected from E21.16</li> <li>• Associated with E14.1</li> <li>• Nullable=See E0</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<b><u>NHTSA 1.0 Essential Element 68</u></b> <ul style="list-style-type: none"> <li>Title: Respiratory Rate</li> <li>[respiratory rate] or 888-Not Obtained, 999-Unknown</li> <li>Numeric Field</li> </ul>
<input type="checkbox"/>	<b>E14.12 Respiratory Effort</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The patient's respiratory effort  <u>Collected by:</u> The EMS personnel.	<b>[text]</b>  <b>3185: Normal</b> <b>3190: Labored</b> <b>3195: Fatigued</b> <b>3200: Absent</b> <b>3205: Not Assessed</b> <ul style="list-style-type: none"> <li>5: Not Available</li> <li>10: Not Known</li> <li>25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul> <b><u>NHTSA 1.0 Desirable Element 69</u></b> <ul style="list-style-type: none"> <li>Title: Respiratory Effort</li> <li>0-Normal, 1-Increased, Not Labored, 2-Increased and Labored, or Decreased and Fatigued, 3-Absent, 9-Not Assessed</li> <li>Text Field Size = 1 (single digit code)</li> </ul>
<input type="checkbox"/>	<b>E14.13 CO2</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The patient's end-tidal or other CO2 level.  <u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.	<b>[Number] Value or</b>  <ul style="list-style-type: none"> <li>5: Not Available</li> <li>10: Not Known</li> <li>25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Could be collected from E21.18</li> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E14.14 Blood Glucose Level</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The patient's blood glucose level  <u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.	<b>[Number] Value or</b>  <ul style="list-style-type: none"> <li>5: Not Available</li> <li>10: Not Known</li> <li>25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E14.15 GCS Eye</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The patient's Glasgow Coma Score: Eye  <u>Collected by:</u> The EMS personnel.	<b>[number]</b>  <b>0: Not Recorded</b> <b>1: None</b> <b>2: Opens Eyes in response to painful stimulation</b> <b>3: Opens Eyes in response to verbal stimulation</b> <b>4: Opens Eyes spontaneously</b> <ul style="list-style-type: none"> <li>5: Not Available</li> <li>10: Not Known</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<p><b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>Associated with E14.15 through E14.19</li> <li>Can be configured as a single choice list box</li> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 73</u></p> <ul style="list-style-type: none"> <li>Title: Glasgow Eye Opening Component</li> <li>1-None, 2-Opens Eyes in response to painful stimulation, 3-Opens Eyes in response to verbal stimulation, 4-Opens Eyes spontaneously, 9-Unknown</li> <li>Number Field</li> </ul>
<input type="checkbox"/>	<p><b>E14.16 GCS Verbal</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Provides documentation of Assessment and Care.</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>The patient's Glasgow Coma Score: Verbal</p> <p><u>Collected by:</u> The EMS personnel</p>	<p><b>[Number]</b></p> <p><b>For patients &gt;5years:</b></p> <p>0: Not Recorded 1: None 2: Non-specific sounds 3: Inappropriate words 4: Confused conversation or speech 5: Oriented and appropriate speech - 5: Not Available -10: Not Known -25: Not Applicable</p> <p><b>For patients 2-5 years:</b></p> <p>0: Not Recorded 1: None 2: Grunts 3: Cries and/or screams 4: Inappropriate words 5: Appropriate words 9: Not assessed - 5: Not Available -10: Not Known -25: Not Applicable</p> <p><b>For patients 0-23 months:</b></p> <p>0: Not Recorded 1: None 2: Persistent cry, grunting 3: Inappropriate cry 4: Cries, inconsolable 5: Smiles, coos, cries appropriately 9: Not assessed - 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Associated with E14.15 through E14.19</li> <li>Can be configured as a single choice list box</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 74</u></p> <ul style="list-style-type: none"> <li>Title: Glasgow Verbal Component</li> <li>For patients &gt;5years:               <ol style="list-style-type: none"> <li>None</li> <li>Non-specific sounds</li> <li>Inappropriate words</li> <li>Confused conversation or speech</li> <li>Oriented and appropriate speech</li> <li>Unknown</li> </ol> </li> <li>For patients 2-5 years:               <ol style="list-style-type: none"> <li>None</li> <li>Grunts</li> <li>Cries and/or screams</li> <li>Inappropriate words</li> <li>Appropriate words</li> <li>Not assessed</li> </ol> </li> <li>For patients 0-23 months:               <ol style="list-style-type: none"> <li>None</li> <li>Persistent cry, grunting</li> <li>Inappropriate cry</li> <li>Cries, inconsolable</li> <li>Smiles, coos, cries appropriately</li> <li>Not assessed</li> </ol> </li> <li>Number Field</li> </ul>
<input type="checkbox"/>	<p><b>E14.17 GCS Motor</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>The patient's Glasgow Coma Score: Motor</p> <p><u>Collected by:</u> The EMS personnel</p>	<ul style="list-style-type: none"> <li>[Number]</li> </ul> <p>For patients &gt;5 years:</p> <p><b>0: Not Recorded</b>  <b>1: None</b>  <b>2: Extensor posturing in response to painful stimulation</b>  <b>3: Flexor posturing in response to painful stimulation</b>  <b>4: General withdrawal in response to painful stimulation</b>  <b>5: Localization of painful stimulation</b>  <b>6: Obeys commands with appropriate motor response</b></p> <p>- 5: Not Available  -10: Not Known  -25: Not Applicable</p> <p>For patients up to 5 years:</p> <p><b>0: Not Recorded</b>  <b>1: None</b>  <b>2: Extensor posturing in response to painful stimulation</b>  <b>3: Flexor posturing in response to painful stimulation</b>  <b>4: General withdrawal in response to painful stimulation</b>  <b>5: Localization of painful stimulation</b>  <b>6: Spontaneous</b></p>

NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• Associated with E14.15 through E14.19</li> <li>• Can be configured as a single choice list box</li> <li>• Associated with E14.1</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 75</u></p> <ul style="list-style-type: none"> <li>• Title: Glasgow Motor Component</li> <li>• For patients &gt;5 years:               <ul style="list-style-type: none"> <li>1 - None</li> <li>2 - Extensor posturing in response to painful stimulation</li> <li>3 - Flexor posturing in response to painful stimulation</li> <li>4 - General withdrawal in response to painful stimulation</li> <li>5 - Localization of painful stimulation</li> <li>6 - Obeys commands with appropriate motor response</li> <li>9 - Unknown</li> </ul> </li> <li>• For patients up to 5 years:               <ul style="list-style-type: none"> <li>1 - None</li> <li>2 - Extensor posturing in response to painful stimulation</li> <li>3 - Flexor posturing in response to painful stimulation</li> <li>4 - General withdrawal in response to painful stimulation</li> <li>5 - Localization of painful stimulation</li> <li>6 - Spontaneous</li> <li>9 - Not assessed</li> </ul> </li> <li>• Number Field</li> </ul>
<input type="checkbox"/>	<b>E14.18 GCS Qualifier</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	Documentation of factors which make the GCS score more meaningful.  <u>Collected by:</u> The EMS personnel	<p><b>[single choice combo]</b></p> <p><b>3210: Initial GCS has legitimate values without interventions such as intubation and sedation</b></p> <p><b>3215: Patient Chemically Sedated</b></p> <p><b>3220: Patient Intubated</b></p> <p><b>3225: Patient Intubated and Chemically Paralyzed</b></p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• Associated with E14.15 through E14.19</li> <li>• Can be configured as a single choice list box</li> <li>• Associated with E14.1</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E14.19 Total GCS</b>	The patient's total Glasgow Coma Score	<p><b>[Number] Value or</b></p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
	<b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<b>Collected by:</b> The EMS personnel or auto-calculated if using an electronic documentation Unit.	-10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Calculated from E14.15, E14.16, and E14.17</li> <li>Associated with E14.15 through E14.19</li> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul> NHTSA 1.0 Desirable Element 76 <ul style="list-style-type: none"> <li>Title: Glasgow Coma Score (Total)</li> <li>Calculated from Eye, Verbal, and Motor Scores</li> <li>Number Field</li> </ul>
<input type="checkbox"/>	<b>E14.20 Temperature</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The patient's body temperature in C°.  <b>Collected by:</b> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.	[Number] Value or  - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E14.21 Temperature Method</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The method used to obtain the patient's body temperature  <b>Collected by:</b> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.	[single choice combo]  3230: Axillary 3235: Oral 3240: Rectal 3245: Tympanic 3250: Urinary Catheter - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated with E14.20</li> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E14.22 Level of Responsiveness</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The patients level of responsiveness  <b>Collected by:</b> The EMS personnel	[single choice combo]  3255: Alert 3260: Verbal 3265: Painful 3270: Unresponsive - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E14.23 Pain Scale</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of</li> </ul>	The patient's indication of pain from a scale of 0 – 10.  The Wong Scale can be used and transcribed onto the 1 – 10 scale. The smiling face = 0 and	[Number] Value or  - 5: Not Available -10: Not Known -25: Not Applicable



NHO	Data Element Name	Definition	Database Value Codes
	<p><u>Assessment and Care.</u></p> <ul style="list-style-type: none"> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>each of the other 5 faces count as 2 points as the pain scale increases.</p> <p><b>Collected by:</b> The EMS Unit</p>	<ul style="list-style-type: none"> <li>Number from 0 to 10</li> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E14.24 Stroke Scale</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>The patient's Los Angeles or Cincinnati Stroke Scale Results</p> <p><b>Collected by:</b> The EMS personnel</p>	<p>[single choice combo]</p> <p><b>3275: Cincinnati Stroke Scale Negative</b>  <b>3280: Cincinnati Stroke Scale Non Conclusive</b>  <b>3285: Cincinnati Stroke Scale Positive</b>  <b>3290: LA Stroke Scale Negative</b>  <b>3295: LA Stroke Scale Non-Conclusive</b>  <b>3300: LA Stroke Scale Positive</b></p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E14.25 Thrombolytic Screen</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>The results of the patient's Thrombolytic Screen for potential Thrombolytic use</p> <p><b>Collected by:</b> The EMS personnel</p>	<p>[single choice combo]</p> <p><b>3305: Definite Contraindications to Thrombolytic Use</b>  <b>3310: No Contraindications to Thrombolytic Use</b>  <b>3315: Possible Contraindications to Thrombolytic Use</b></p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E14.26 APGAR</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>The patient's total APGAR score (0-10). Recommended to be taken at 1 and 5 minutes after the infants birth</p> <p><b>Collected by:</b> The EMS personnel</p>	<p>[Number] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated with E14.1</li> <li>Could be configured as a single choice combo box with values from 0 -10.</li> <li>Nullable=See E0</li> </ul> <p><b>Apgar Score:</b> (Add the appropriate number for each of the 5 components)</p> <ul style="list-style-type: none"> <li>Heart Rate <ul style="list-style-type: none"> <li>0 = Absent</li> <li>1 = &lt;100</li> <li>2 = &gt;100</li> </ul> </li> <li>Respiratory Effort <ul style="list-style-type: none"> <li>0 = Absent</li> <li>1 = Weak Cry</li> </ul> </li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<p>2 = Strong Cry</p> <ul style="list-style-type: none"> <li>Muscle Tone <ul style="list-style-type: none"> <li>0 = Limp</li> <li>1 = Some Flexion</li> <li>2 = Good Flexion</li> </ul> </li> <li>Reflex Irritability (when feet stimulated) <ul style="list-style-type: none"> <li>0 = No Response</li> <li>1 = Some Motion</li> <li>2 = Good Flexion</li> </ul> </li> <li>Color <ul style="list-style-type: none"> <li>0 = Blue, Pale</li> <li>1 = Body Pink, Extremities Blue</li> <li>2 = Pink</li> </ul> </li> </ul>
<input type="checkbox"/>	<p><b>E14.27 RTS</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>The patient's Revised Trauma Score</p> <p><u>Collected by:</u> The EMS personnel or auto-calculated if using an electronic documentation Unit.</p>	<p>[Number] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <p>Calculated from:</p> <ul style="list-style-type: none"> <li>Respiratory Rate Component <ul style="list-style-type: none"> <li>4 = 10 - 29 per minute</li> <li>3 = &gt;29 per minute</li> <li>2 = 6 - 9 per minute</li> <li>1 = 1 - 5 per minute</li> <li>0 = None spontaneous</li> </ul> </li> <li>Systolic Blood Pressure Component <ul style="list-style-type: none"> <li>4 = &gt;89 mm Hg</li> <li>3 = 76 - 89 mm Hg</li> <li>2 = 50 - 75 mm Hg</li> <li>1 = 1 - 49 mm Hg</li> <li>0 = No pulse</li> </ul> </li> <li>Neurological Component <ul style="list-style-type: none"> <li>4 = Glasgow coma score 13 - 15</li> <li>3 = Glasgow coma score 9 - 12</li> <li>2 = Glasgow coma score 6 - 8</li> <li>1 = Glasgow coma score 4 - 5</li> <li>0 = Glasgow coma score 3</li> </ul> </li> <li>Can be auto-calculated from Respiratory Rate (E14.11), Systolic Blood Pressure (E14.4), and Total GCS (E14.19), if all three components are documented at the same Time (E14.1).</li> <li>Associated with E14.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 77</u></p> <ul style="list-style-type: none"> <li>Title: Revised Trauma Score</li> <li>Number Field</li> </ul>
<input type="checkbox"/>	<b>E14.28 Pediatric Trauma</b>	The Trauma Score for patients age 12 and under	[Number] Value or

NHO	Data Element Name	Definition	Database Value Codes
	<p><b>Score</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p><u>Collected by:</u> The EMS personnel or auto-calculated if using an electronic documentation Unit.</p>	<p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <p><u>Pediatric Trauma Score</u></p> <ul style="list-style-type: none"> <li>• Age 12 and Under</li> </ul> <p>Calculated by adding the appropriate response for each of the 5 components below:</p> <ul style="list-style-type: none"> <li>• Size               <ul style="list-style-type: none"> <li>2 = &gt;20 kg</li> <li>1 = 10 – 20 kg</li> <li>-1 = &lt;10 kg</li> </ul> </li> <li>• Airway               <ul style="list-style-type: none"> <li>2 = Normal</li> <li>1 = Maintainable</li> <li>-1 = Un-maintainable or Intubated</li> </ul> </li> <li>• Systolic Blood Pressure               <ul style="list-style-type: none"> <li>2 = &gt; 90 mmHg (or palpable pulse at wrist)</li> <li>1 = 50–90 mmHg (or palpable pulse at groin)</li> <li>-1 = &lt; 50 mmHg (or no pulse palpable)</li> </ul> </li> <li>• CNS               <ul style="list-style-type: none"> <li>2 = Awake</li> <li>1 = Altered Mental Status/Obtunded</li> <li>-1 = Coma/Abnormal Flexion</li> </ul> </li> <li>• Skeletal Injury               <ul style="list-style-type: none"> <li>2 = None</li> <li>1 = Closed Fracture</li> <li>-1 = Open/Multiple Fractures</li> </ul> </li> <li>• Open Wounds               <ul style="list-style-type: none"> <li>2 = None</li> <li>1 = Minor</li> <li>-1 = Major/Penetrating</li> </ul> </li> <li>• Can be auto-calculated if programming logic is used to confirm all 5 components</li> <li>• Associated with E14.1</li> <li>• Nullable=See E0</li> </ul>
<b>Section E15: Assessment / Injury</b>			
<input type="checkbox"/>	<p><b>E15.1 NHTSA Injury Matrix External/Skin</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>Type of injury identified and associated with the external body/Skin (including burns)</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p>3320: Amputation 3325: Bleeding-Controlled 3330: Bleeding-Uncontrolled 3335: Burn 3340: Crush 3345: Dislocation/Fracture 3350: Gunshot 3355: Laceration 3360: Pain without swelling/bruising 3365: Puncture/Stab 3370: Soft Tissue Swelling/bruising</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p>

NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>• Blunt Injury Removed from NHTSA 1.0</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 53</u></p> <ul style="list-style-type: none"> <li>• Title: Injury Description</li> <li>• A = External (including burns) and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</li> <li>• Text Field Size = 3</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Body Site of Injury</li> <li>• Describes parts of the body where injuries occurred.</li> <li>• Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Injury Type</li> <li>• Describes the primary injuries sustained by a patient for each part of the body.</li> <li>• Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00</li> </ul>
<input type="checkbox"/>	<p><b>E15.2 NHTSA Injury Matrix Head</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>Type of injury identified and associated with the Head (excluding face, neck, cervical spine, and ear)</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p><b>3320: Amputation</b>  <b>3325: Bleeding-Controlled</b>  <b>3330: Bleeding-Uncontrolled</b>  <b>3335: Burn</b>  <b>3340: Crush</b>  <b>3345: Dislocation/Fracture</b>  <b>3350: Gunshot</b>  <b>3355: Laceration</b>  <b>3360: Pain without swelling/bruising</b>  <b>3365: Puncture/Stab</b>  <b>3370: Soft Tissue Swelling/bruising</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Blunt Injury Removed from NHTSA 1.0</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 53</u></p> <ul style="list-style-type: none"> <li>• Title: Injury Description</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>B = Head only (excluding neck, cervical spine, and ear) and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</li> <li>Text Field Size = 3</li> </ul>
<input type="checkbox"/>	<b>E15.3 NHTSA Injury Matrix Face</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	Type of injury identified and associated with the Face (including ear)  <u>Collected by:</u> The EMS personnel.	<p>[multiple choice combo]</p> <p><b>3320: Amputation</b>  <b>3325: Bleeding-Controlled</b>  <b>3330: Bleeding-Uncontrolled</b>  <b>3335: Burn</b>  <b>3340: Crush</b>  <b>3345: Dislocation/Fracture</b>  <b>3350: Gunshot</b>  <b>3355: Laceration</b>  <b>3360: Pain without swelling/bruising</b>  <b>3365: Puncture/Stab</b>  <b>3370: Soft Tissue Swelling/bruising</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Blunt Injury Removed from NHTSA 1.0</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 53</u></p> <ul style="list-style-type: none"> <li>Title: Injury Description</li> <li>C = Face (including ear) and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</li> <li>Text Field Size = 3</li> </ul>
<input type="checkbox"/>	<b>E15.4 NHTSA Injury Matrix Neck</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	Type of injury identified and associated with the Neck  <u>Collected by:</u> The EMS personnel.	<p>[multiple choice combo]</p> <p><b>3320: Amputation</b>  <b>3325: Bleeding-Controlled</b>  <b>3330: Bleeding-Uncontrolled</b>  <b>3335: Burn</b>  <b>3340: Crush</b>  <b>3345: Dislocation/Fracture</b>  <b>3350: Gunshot</b>  <b>3355: Laceration</b>  <b>3360: Pain without swelling/bruising</b>  <b>3365: Puncture/Stab</b>  <b>3370: Soft Tissue Swelling/bruising</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Blunt Injury Removed from NHTSA 1.0</li> <li>Nullable=See E0</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<p><b><u>NHTSA 1.0 Essential Element 53</u></b></p> <ul style="list-style-type: none"> <li>Title: Injury Description</li> <li>D = Neck and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</li> <li>Text Field Size = 3</li> </ul> <p><b><u>NFIRS 5.0: EMS Module</u></b></p> <ul style="list-style-type: none"> <li>Title: Body Site of Injury</li> <li>Describes parts of the body where injuries occurred.</li> <li>Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N</li> </ul> <p><b><u>NFIRS 5.0: EMS Module</u></b></p> <ul style="list-style-type: none"> <li>Title: Injury Type</li> <li>Describes the primary injuries sustained by a patient for each part of the body.</li> <li>Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00</li> </ul>
<input type="checkbox"/>	<p><b>E15.5 NHTSA Injury Matrix Thorax</b></p> <p><b><u>Reports Possible and Data Use:</u></b></p> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Provides documentation of Assessment and Care.</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>Type of injury identified and associated with the Thorax (excluding the thoracic spine)</p> <p><b><u>Collected by:</u></b> The EMS personnel.</p>	<p><b>[multiple choice combo]</b></p> <p><b>3320: Amputation</b>  <b>3325: Bleeding-Controlled</b>  <b>3330: Bleeding-Uncontrolled</b>  <b>3335: Burn</b>  <b>3340: Crush</b>  <b>3345: Dislocation/Fracture</b>  <b>3350: Gunshot</b>  <b>3355: Laceration</b>  <b>3360: Pain without swelling/bruising</b>  <b>3365: Puncture/Stab</b>  <b>3370: Soft Tissue Swelling/bruising</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Blunt Injury Removed from NHTSA 1.0</li> <li>Nullable=See E0</li> </ul> <p><b><u>NHTSA 1.0 Essential Element 53</u></b></p> <ul style="list-style-type: none"> <li>Title: Injury Description</li> <li>E = Thorax (excluding thoracic spine) and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<p>Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</p> <ul style="list-style-type: none"> <li>Text Field Size = 3</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Body Site of Injury</li> <li>Describes parts of the body where injuries occurred.</li> <li>Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Injury Type</li> <li>Describes the primary injuries sustained by a patient for each part of the body.</li> <li>Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00</li> </ul>
<input type="checkbox"/>	<p><b>E15.6 NHTSA Injury Matrix Abdomen</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>Type of injury identified and associated with the Abdomen (excluding the lumbar spine)</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p><b>3320: Amputation</b>  <b>3325: Bleeding-Controlled</b>  <b>3330: Bleeding-Uncontrolled</b>  <b>3335: Burn</b>  <b>3340: Crush</b>  <b>3345: Dislocation/Fracture</b>  <b>3350: Gunshot</b>  <b>3355: Laceration</b>  <b>3360: Pain without swelling/bruising</b>  <b>3365: Puncture/Stab</b>  <b>3370: Soft Tissue Swelling/bruising</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Blunt Injury Removed from NHTSA 1.0</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 53</u></p> <ul style="list-style-type: none"> <li>Title: Injury Description</li> <li>F = Abdomen (excluding lumbar spine) and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</li> <li>Text Field Size = 3</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Body Site of Injury</li> </ul>



NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>Describes parts of the body where injuries occurred.</li> <li>Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Injury Type</li> <li>Describes the primary injuries sustained by a patient for each part of the body.</li> <li>Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00</li> </ul>
<input type="checkbox"/>	<p><b>E15.7 NHTSA Injury Matrix Spine</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>Type of injury identified and associated with the Spine</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p><b>3320: Amputation</b>  <b>3325: Bleeding-Controlled</b>  <b>3330: Bleeding-Uncontrolled</b>  <b>3335: Burn</b>  <b>3340: Crush</b>  <b>3345: Dislocation/Fracture</b>  <b>3350: Gunshot</b>  <b>3355: Laceration</b>  <b>3360: Pain without swelling/bruising</b>  <b>3365: Puncture/Stab</b>  <b>3370: Soft Tissue Swelling/bruising</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Blunt Injury Removed from NHTSA 1.0</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 53</u></p> <ul style="list-style-type: none"> <li>Title: Injury Description</li> <li>G = Spine and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</li> <li>Text Field Size = 3</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Body Site of Injury</li> <li>Describes parts of the body where injuries occurred.</li> <li>Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<p>Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N</p> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Injury Type</li> <li>Describes the primary injuries sustained by a patient for each part of the body.</li> <li>Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00</li> </ul>
<input type="checkbox"/>	<p><b>E15.8 NHTSA Injury Matrix Upper Extremities</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>Type of injury identified and associated with the Upper Extremities</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p><b>3320: Amputation</b>  <b>3325: Bleeding-Controlled</b>  <b>3330: Bleeding-Uncontrolled</b>  <b>3335: Burn</b>  <b>3340: Crush</b>  <b>3345: Dislocation/Fracture</b>  <b>3350: Gunshot</b>  <b>3355: Laceration</b>  <b>3360: Pain without swelling/bruising</b>  <b>3365: Puncture/Stab</b>  <b>3370: Soft Tissue Swelling/bruising</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Blunt Injury Removed from NHTSA 1.0</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 53</u></p> <ul style="list-style-type: none"> <li>Title: Injury Description</li> <li>H = Upper Extremities and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</li> <li>Text Field Size = 3</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Body Site of Injury</li> <li>Describes parts of the body where injuries occurred.</li> <li>Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Injury Type</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>Describes the primary injuries sustained by a patient for each part of the body.</li> <li>Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00</li> </ul>
<input type="checkbox"/>	<p><b>E15.9 NHTSA Injury Matrix Pelvis</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>Type of injury identified and associated with the Pelvis</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p><b>3320: Amputation</b>  <b>3325: Bleeding-Controlled</b>  <b>3330: Bleeding-Uncontrolled</b>  <b>3335: Burn</b>  <b>3340: Crush</b>  <b>3345: Dislocation/Fracture</b>  <b>3350: Gunshot</b>  <b>3355: Laceration</b>  <b>3360: Pain without swelling/bruising</b>  <b>3365: Puncture/Stab</b>  <b>3370: Soft Tissue Swelling/bruising</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Blunt Injury Removed from NHTSA 1.0</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 53</u></p> <ul style="list-style-type: none"> <li>Title: Injury Description</li> <li>I = Lower Extremities and Bony Pelvis and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</li> <li>Text Field Size = 3</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Body Site of Injury</li> <li>Describes parts of the body where injuries occurred.</li> <li>Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Injury Type</li> <li>Describes the primary injuries sustained by a patient for each part of the body.</li> <li>Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling =</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00
<input type="checkbox"/>	<b>E15.10 NHTSA Injury Matrix Lower Extremities</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	Type of injury identified and associated with the Lower Extremities  <u>Collected by:</u> The EMS personnel.	<p>[multiple choice combo]</p> <p><b>3320: Amputation</b>  <b>3325: Bleeding-Controlled</b>  <b>3330: Bleeding-Uncontrolled</b>  <b>3335: Burn</b>  <b>3340: Crush</b>  <b>3345: Dislocation/Fracture</b>  <b>3350: Gunshot</b>  <b>3355: Laceration</b>  <b>3360: Pain without swelling/bruising</b>  <b>3365: Puncture/Stab</b>  <b>3370: Soft Tissue Swelling/bruising</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Blunt Injury Removed from NHTSA 1.0</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 53</u></p> <ul style="list-style-type: none"> <li>Title: Injury Description</li> <li>I = Lower Extremities or Bony Pelvis and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</li> <li>Text Field Size = 3</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Body Site of Injury</li> <li>Describes parts of the body where injuries occurred.</li> <li>Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>Title: Injury Type</li> <li>Describes the primary injuries sustained by a patient for each part of the body.</li> <li>Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00</li> </ul>
<input type="checkbox"/>	<b>E15.11 NHTSA Injury Matrix Unspecified</b>	Type of injury identified and associated with Unspecified	<p>[multiple choice combo]</p> <p><b>3320: Amputation</b></p>

NHO	Data Element Name	Definition	Database Value Codes
	<p><b>Reports Possible and Data Use:</b></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p><b>Collected by:</b> The EMS personnel.</p>	<p><b>3325: Bleeding-Controlled</b>  <b>3330: Bleeding-Uncontrolled</b>  <b>3335: Burn</b>  <b>3340: Crush</b>  <b>3345: Dislocation/Fracture</b>  <b>3350: Gunshot</b>  <b>3355: Laceration</b>  <b>3360: Pain without swelling/bruising</b>  <b>3365: Puncture/Stab</b>  <b>3370: Soft Tissue Swelling/bruising</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Blunt Injury Removed from NHTSA 1.0</li> <li>Nullable=See E0</li> </ul> <p><b>NHTSA 1.0 Essential Element 53</b></p> <ul style="list-style-type: none"> <li>Title: Injury Description</li> <li>J = Body Region Unspecified and 1-Pain without swelling/bruising, 2-Soft Tissue Swelling/bruising, 3-Blunt Injury, 4-Laceration, - 5-Dislocation/Fracture, 6-Puncture/Stab, 7-Gunshot, 8-Amputation, 9-Crush, - 10-Burn</li> <li>Text Field Size = 3</li> </ul> <p><b>NFIRS 5.0: EMS Module</b></p> <ul style="list-style-type: none"> <li>Title: Body Site of Injury</li> <li>Describes parts of the body where injuries occurred.</li> <li>Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N</li> </ul> <p><b>NFIRS 5.0: EMS Module</b></p> <ul style="list-style-type: none"> <li>Title: Injury Type</li> <li>Describes the primary injuries sustained by a patient for each part of the body.</li> <li>Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00</li> </ul>
<b>Section E16: Assessment / Exam</b>			
<input type="checkbox"/>	<p><b>E16.1 Estimated Body Weight</b></p> <p><b>Reports Possible and Data Use:</b></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record and to better determine</li> </ul>	<p>The patient's body weight in kilograms, either measured or estimated</p> <p><b>Collected by:</b> The EMS personnel.</p>	<p><b>[Number] Value or</b></p> <p>- 5: Not Available  -10: Not Known  -25: Not Applicable</p>

NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">equipment sizes and medication dosages.</a> <ul style="list-style-type: none"> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E16.2 Broselow/Luten Color</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record and to better determine equipment sizes and medication dosages.</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	The Broselow/Luten Color as take from the tape  <u>Collected by:</u> The EMS personnel.	<b>[single choice combo]</b>  <b>3375: Blue</b> <b>3380: Green</b> <b>3385: Grey</b> <b>3390: Orange</b> <b>3395: Pink</b> <b>3400: Purple</b> <b>3405: Red</b> <b>3410: White</b> <b>3415: Yellow</b> - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E16.3 Date/Time of Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	The date/time assessment was made on the patient  <u>Collected by:</u> The EMS personnel or a Medical Device which can electronically transfer the information to the EMS Unit's database.	<b>[date/time]</b>  <ul style="list-style-type: none"> <li>• This is a multiple entry configuration which will allow multiple assessments to be documented.</li> <li>• If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>• Associated with E16.4 through E16.24.</li> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E16.4 Skin Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	The assessment of the patient's skin on examination  <u>Collected by:</u> The EMS personnel.	<b>[multiple choice combo]</b>  <b>3420: Normal</b> <b>3425: Not Done</b> <b>3430: Clammy</b> <b>3435: Cold</b> <b>3440: Cyanotic</b> <b>3445: Jaundiced</b> <b>3450: Lividity</b> <b>3455: Mottled</b> <b>3460: Pale</b> <b>3465: Warm</b> - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>• Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 72</u></p> <ul style="list-style-type: none"> <li>• Title: Skin Perfusion</li> <li>• 1-Normal, 2-Decreased, 3-Not Assessed</li> <li>• Text Field Size = 1</li> </ul>
<input type="checkbox"/>	<b>E16.5 Head/Face Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	The assessment of the patient's face on examination  <u>Collected by:</u> The EMS personnel.	<p>[multiple choice combo]</p> <p><b>3470: Normal</b>  <b>3475: Not Done</b>  <b>3480: Asymmetric Smile or Droop</b>  <b>3485: Drainage</b>  <b>3490: Mass/Lesion</b>  <b>3495: Swelling</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.6 Neck Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	The assessment of the patient's head & neck area on examination  <u>Collected by:</u> The EMS personnel.	<p>[multiple choice combo]</p> <p><b>3500: Normal</b>  <b>3505: Not Done</b>  <b>3510: JVD</b>  <b>3515: Strider</b>  <b>3520: SubQ Air</b>  <b>3525: Tracheal Dev</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.7 Chest/Lungs Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	The assessment of the patient's chest on examination  <u>Collected by:</u> The EMS personnel.	<p>[multiple choice combo]</p> <p><b>3530: Normal</b>  <b>3535: Not Done</b>  <b>3540: Accessory Muscles</b>  <b>3545: Decreased BS-Left</b>  <b>3550: Decreased BS-Right</b>  <b>3555: Flail Segment-Left</b>  <b>3560: Flail Segment-Right</b>  <b>3565: Increased Effort</b>  <b>3570: Normal BS</b>  <b>3575: Rales</b>  <b>3580: Rhonchi/Wheezing</b>  <b>3585: Tenderness-Left</b>  <b>3590: Tenderness-Right</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p>



NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.8 Heart Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The assessment of the patient's heart on examination  <u>Collected by:</u> The EMS personnel.	[multiple choice combo]  <b>3595: Normal</b> <b>3600: Not Done</b> <b>3605: Decreased Sounds</b> <b>3610: Murmur</b> <ul style="list-style-type: none"> <li>5: Not Available</li> <li>10: Not Known</li> <li>25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.9 Abdomen Left Upper Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The assessment of the patient's left upper abdomen on examination  <u>Collected by:</u> The EMS personnel.	[multiple choice combo]  <b>3615: Normal</b> <b>3620: Not Done</b> <b>3625: Distention</b> <b>3630: Guarding</b> <b>3635: Mass</b> <b>3640: Tenderness</b> <ul style="list-style-type: none"> <li>5: Not Available</li> <li>10: Not Known</li> <li>25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.10 Abdomen Left Lower Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The assessment of the patient's left lower abdomen on examination  <u>Collected by:</u> The EMS personnel.	[multiple choice combo]  <b>3645: Normal</b> <b>3650: Not Done</b> <b>3655: Distention</b> <b>3660: Guarding</b> <b>3665: Mass</b> <b>3670: Tenderness</b> <ul style="list-style-type: none"> <li>5: Not Available</li> <li>10: Not Known</li> <li>25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.11 Abdomen Right Upper Assessment</b>	The assessment of the patient's right upper abdomen on examination	[multiple choice combo]  <b>3675: Normal</b> <b>3680: Not Done</b>

NHO	Data Element Name	Definition	Database Value Codes
	<b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<b>Collected by:</b> The EMS personnel.	<b>3685: Distention</b> <b>3690: Guarding</b> <b>3695: Mass</b> <b>3700: Tenderness</b> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.12 Abdomen Right Lower Assessment</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The assessment of the patient's right lower abdomen on examination  <b>Collected by:</b> The EMS personnel.	[multiple choice combo]  <b>3705: Normal</b> <b>3710: Not Done</b> <b>3715: Distention</b> <b>3720: Guarding</b> <b>3725: Mass</b> <b>3730: Tenderness</b> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.13 GU Assessment</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The assessment of the patient's GU area on examination  <b>Collected by:</b> The EMS personnel.	[multiple choice combo]  <b>3735: Normal</b> <b>3740: Not Done</b> <b>3745: Crowning</b> <b>3750: Genital Injury</b> <b>3755: Tenderness</b> <b>3760: Unstable</b> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.14 Back Cervical Assessment</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The assessment of the patient's back-cervical on examination  <b>Collected by:</b> The EMS personnel.	[multiple choice combo]  <b>3765: Normal</b> <b>3770: Not Done</b> <b>3775: Pain to ROM</b> <b>3780: Tender Para-spinous</b> <b>3785: Tender Spinous Process</b> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated in Database schema to</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			<p>Date/Time (E16.3) to allow multiple assessments.</p> <ul style="list-style-type: none"> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E16.15 Back Thoracic Assessment</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>The assessment of the patient's back-thoracic on examination</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p><b>3790: Normal</b>  <b>3795: Not Done</b>  <b>3800: Pain to ROM</b>  <b>3805: Tender Para-spinous</b>  <b>3810: Tender Spinous Process</b></p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E16.16 Back Lumbar/Sacral Assessment</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>The assessment of the patient's back-lumbar/sacral on examination</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p><b>3815: Normal</b>  <b>3820: Not Done</b>  <b>3825: Pain to ROM</b>  <b>3830: Tender Para-spinous</b>  <b>3835: Tender Spinous Process</b></p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E16.17 Extremities-Right Upper Assessment</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Provides documentation of Assessment and Care.</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>The assessment of the patient's right upper extremities on examination</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p><b>3840: Normal</b>  <b>3845: Not Done</b>  <b>3850: Abnormal Pulse</b>  <b>3855: Abnormal Sensation</b>  <b>3860: Edema</b>  <b>3865: Tenderness</b>  <b>3870: Weakness</b></p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>• Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E16.18 Extremities-Right Lower Assessment</b></p> <p><u>Reports Possible and Data Use:</u></p>	<p>The assessment of the patient's right lower extremities on examination</p>	<p>[multiple choice combo]</p> <p><b>3875: Normal</b>  <b>3880: Not Done</b></p>

NHO	Data Element Name	Definition	Database Value Codes
	<ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<b>Collected by:</b> The EMS personnel.	<b>3885: Abnormal Pulse</b> <b>3890: Abnormal Sensation</b> <b>3895: Edema</b> <b>3900: Tenderness</b> <b>3905: Weakness</b> - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.19 Extremities-Left Upper Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The assessment of the patient's left upper extremities on examination  <b>Collected by:</b> The EMS personnel.	[multiple choice combo]  <b>3910: Normal</b> <b>3915: Not Done</b> <b>3920: Abnormal Pulse</b> <b>3925: Abnormal Sensation</b> <b>3930: Edema</b> <b>3935: Tenderness</b> <b>3940: Weakness</b> - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.20 Extremities-Left Lower Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The assessment of the patient's left lower extremities on examination  <b>Collected by:</b> The EMS personnel.	[multiple choice combo]  <b>3945: Normal</b> <b>3950: Not Done</b> <b>3955: Abnormal Pulse</b> <b>3960: Abnormal Sensation</b> <b>3965: Edema</b> <b>3970: Tenderness</b> <b>3975: Weakness</b> - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.21 Eyes-Left Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for</li> </ul>	The assessment of the patient's left eye on examination  <b>Collected by:</b> The EMS personnel.	[multiple choice combo]  <b>3980: Not Done</b> <b>3985: 2-mm</b> <b>3990: 3-mm</b> <b>3995: 4-mm</b> <b>4000: 5-mm</b> <b>4005: 6-mm</b> <b>4010: 7-mm</b>

NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">the evaluation of Care and EMS Unit Performance.</a>		<b>4015: Blind</b> <b>4020: Reactive</b> <b>4025: Non-Reactive</b> - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.22 Eyes-Right Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Provides documentation of Assessment and Care.</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	The assessment of the patient's right eye on examination  <u>Collected by:</u> The EMS personnel.	[multiple choice combo]  <b>4030: Not Done</b> <b>4035: 2-mm</b> <b>4040: 3-mm</b> <b>4045: 4-mm</b> <b>4050: 5-mm</b> <b>4055: 6-mm</b> <b>4060: 7-mm</b> <b>4065: Blind</b> <b>4070: Reactive</b> <b>4075: Non-Reactive</b> - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.23 Mental Status Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Provides documentation of Assessment and Care.</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	The assessment of the patient's mental status on examination  <u>Collected by:</u> The EMS personnel.	[multiple choice combo]  <b>4080: Normal</b> <b>4085: Not Done</b> <b>4090: Combative</b> <b>4095: Confused</b> <b>4100: Hallucinations</b> <b>4105: Oriented-Person</b> <b>4110: Oriented-Place</b> <b>4115: Oriented-Time</b> <b>4120: Unresponsive</b> - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E16.24 Neurological Assessment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> </ul>	The assessment of the patient's neurological status on examination  <u>Collected by:</u> The EMS personnel.	[multiple choice combo]  <b>4125: Normal</b> <b>4130: Not Done</b> <b>4135: Abnormal Gait</b> <b>4140: Facial Droop</b>

NHO	Data Element Name	Definition	Database Value Codes
	<ul style="list-style-type: none"> <li><a href="#">Provides documentation of Assessment and Care.</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>		<b>4145: Seizures</b> <b>4150: Speech Normal</b> <b>4155: Speech Slurring</b> <b>4160: Tremors</b> <b>4165: Weakness-Left Sided</b> <b>4170: Weakness-Right Sided</b> - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated in Database schema to Date/Time (E16.3) to allow multiple assessments.</li> <li>Nullable=See E0</li> </ul>
<b>Section E17: Intervention</b>			
<input type="checkbox"/>	<b>E17.1 Protocols Used</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Provides documentation of Assessment and Care.</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li><a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	The protocol used by EMS personnel to direct the clinical care of the patient  <u>Collected by:</u> The EMS personnel.	[multiple choice combo] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>List created from Protocols (D4.8)</li> <li>Nullable=See E0</li> </ul>
<b>Section E18: Intervention / Medication</b>			
<input type="checkbox"/>	<b>E18.1 Date/Time Medication Administered</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li><a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	The date/time medication administered to the patient  <u>Collected by:</u> The EMS personnel.	[ <b>date/time</b> ]  <ul style="list-style-type: none"> <li>This is a multiple entry configuration which will allow multiple medication administrations to be documented.</li> <li>If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Associated with E18.2 through E18.11.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E18.2 Medication Administered Prior to this Units EMS Care</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Used in Quality Management for</a></li> </ul>	Indicates that the medication administration which is documented was administered prior to this EMS unit's care.  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  <b>0: No</b> <b>1: Yes</b> - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>If E18.2 is "Yes", the Date/Time Medication</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
	<p><a href="#">the evaluation of Care and EMS Unit Performance.</a></p> <ul style="list-style-type: none"> <li>• <a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>		<p><b>Administered (E18.1) is not required.</b></p> <ul style="list-style-type: none"> <li>• <b>Associated with E18.1</b></li> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<p><b>E18.3 Medication Given</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li>• <a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	<p>The medication given to the patient</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p><b>[single choice combo] Value or</b></p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• <b>List created from Medications (D4.6)</b></li> <li>• <b>Associated with E18.1</b></li> <li>• <b>Nullable=See E0</b></li> </ul> <p><u>NHTSA 1.0 Essential Element 80</u></p> <ul style="list-style-type: none"> <li>• Title: Medication Name</li> <li>• Acetaminophen, Ipecac, Adenosine, Isoproterenol, Albuterol, Lidocaine, Amyl nitrate, Lorazepam, Aspirin, Magnesium sulfate, Atropine, Mannitol, Bretylium tosylate, Meperidine, Bumetanide, Metaproterenol, Calcium chloride, Methylprednisolone, Calcium gluconate, Metoclopramide, Charcoal, Morphine, Dexamethasone, Naloxone, Dextrose and water (50%), Nifedipine, Diazepam, Nitroglycerin, Diphenhydramine, Procainamide, Dopamine, Sodium bicarbonate, Epinephrine, Succinylcholine, Furosemide, Terbutaline, Glucagon, Thiamine, Heparin, Verapamil</li> <li>• Text Field Size unspecified</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Procedures Used</li> <li>• Multiple Select Pick-List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) =14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instructions = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN</li> </ul>
<input type="checkbox"/>	<p><b>E18.4 Medication Administered Route</b></p>	<p>The route medication was administered to the patient.</p> <p><u>Collected by:</u></p>	<p><b>[single choice combo]</b></p> <p><b>4175: Endotracheal tube</b> <b>4180: Gastrostomy tube</b></p>



NHO	Data Element Name	Definition	Database Value Codes
	<b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	The EMS personnel.	<b>4185: Inhalation</b> <b>4190: Intramuscular</b> <b>4191: Intraosseous</b> <b>4195: Intranasal</b> <b>4200: Intraocular</b> <b>4205: Intravenous</b> <b>4210: Nasal</b> <b>4215: Nasal prongs</b> <b>4220: Nasogastric</b> <b>4225: Ophthalmic</b> <b>4230: Oral</b> <b>4235: Other/miscellaneous</b> <b>4240: Otic</b> <b>4245: Re-breather mask</b> <b>4250: Rectal</b> <b>4255: Subcutaneous</b> <b>4260: Sublingual</b> <b>4265: Topical</b> <b>4270: Tracheostomy</b> <b>4275: Transdermal</b> <b>4280: Urethral</b> <b>4285: Ventimask</b> <b>4290: Wound</b> - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"> <li>Associated with E18.1</li> <li>Nullable=See E0</li> </ul> <b>DEEDS/HL-7 Version 2.3</b> <ul style="list-style-type: none"> <li>[combo] Apply externally = AP, Buccal = B, Dental = DT, Epidural = EP, Endotracheal tube = ET, Gastronomy tube = GTT, Genitourinary irrigant = GU, Intraarterial = IA, Intrabursal = IB, Intracardiac = IC, Intracervical (uterus) = ICV, Intradermal = ID, Inhalation = IH, Intrahepatic artery = IHA, Intramuscular = IM, Immerse body part = IMR, Intranasal = IN, Intraocular = IO, Intraperitoneal = IP, Intrasyovial = IS, Intrathecal = IT, Intrauterine = IU, Intravenous = IV, Mucous membrane = MM, Mouth = MTH, Nasogastric = NG, Nasal prongs = NP, Nasal = NS, Nasotracheal tube = NT, Ophthalmic = OP, Otic = OT, Other/miscellaneous = OTH, Perfusion = PF, Oral = PO, Rectal = PR, Rebreather mask = RM, Subcutaneous = SC, Soaked dressing = SD, Sublingual = SL, Transdermal = TD, Translingual = TL, Topical = TP, Tracheostomy = TRA, Urethral = UR, Vaginal = VG, Ventimask = VM, Wound = WND</li> </ul>
<input type="checkbox"/>	<b>E18.5 Medication Dosage</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> </ul>	The dose or amount of medication given to the patient  <b>Collected by:</b>	<b>[Number] Value or</b>  - 5: Not Available -10: Not Known

NHO	Data Element Name	Definition	Database Value Codes
	<ul style="list-style-type: none"> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	The EMS personnel.	<b>-25: Not Applicable</b> <ul style="list-style-type: none"> <li>Associated with E18.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E18.6 Medication Dosage Units</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	The units of medication dosage given to patient  <u>Collected by:</u> The EMS personnel.	<b>[single choice combo]</b>  4295: GMS 4300: Inches 4305: IU 4310: KVO (TKO) 4315: L/MIN 4320: LITERS 4325: LPM 4330: MCG 4335: MCG/KG/MIN 4340: MEQ 4345: MG 4350: MG/KG/MIN 4355: ML 4360: ML/HR 4365: Other 4370: Puffs - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E18.1</li> <li>Nullable=See E0</li> </ul> DEEDS/HL-7 Version 2.3
<input type="checkbox"/>	<b>E18.7 Response to Medication</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	The patient's response to the medication.  <u>Collected by:</u> The EMS personnel.	<b>[single choice combo]</b>  4375: Improved 4380: Unchanged 4385: Worse - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E18.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E18.8 Medication Complication</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols</li> </ul>	Any complication (abnormal effect on the patient) associated with the administration of the medication to the patient by EMS  <u>Collected by:</u> The EMS personnel.	<b>[multiple choice combo]</b>  4390: None 4395: Altered Mental Status 4400: Apnea 4405: Bleeding 4410: Bradycardia 4415: Diarrhea 4420: Extravasation 4425: Hypertension

NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">used provide key performance evaluation tools</a>		<p> <b>4430: Hyperthermia</b>  <b>4435: Hypotension</b>  <b>4440: Hypoxia</b>  <b>4445: Injury</b>  <b>4450: Itching/Urticaria</b>  <b>4455: Nausea</b>  <b>4460: Other</b>  <b>4465: Respiratory Distress</b>  <b>4470: Tachycardia</b>  <b>4475: Vomiting</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable </p> <ul style="list-style-type: none"> <li>Associated with E18.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E18.9 Medication Crew Member ID</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record and to document Medication Administration</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li><a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	<p>The statewide assigned ID number of the EMS crew member giving the treatment to the patient</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[text] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>List box created from the State/Licensure ID Number (D7.2) which could display the Personnel's Names as associated with D8.1, D8.2, and D8.3.</li> <li>Linked to State/Licensure ID Number (D7.2)</li> <li>Associated with E18.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 26, 27, Desirable 28</u></p> <ul style="list-style-type: none"> <li>Title: Crew Member Number</li> <li>Alpha-numeric entry</li> <li>Text Field undefined length</li> </ul>
<input type="checkbox"/>	<p><b>E18.10 Medication Authorization</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li><a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	<p>The type of treatment authorization obtained</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[single choice combo]</p> <p> <b>4480: On-Line (Radio or Telephone)</b>  <b>4485: On-Scene</b>  <b>4490: Protocol (Standing Order)</b>  <b>4495: Written Orders (Patient Specific)</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable </p> <ul style="list-style-type: none"> <li>Associated with E18.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 81</u></p> <ul style="list-style-type: none"> <li>Title: Treatment Authorization</li> <li>01-Protocol (Standing Order), 02-On-Line (Radio or Telephone), 03-On-Scene, 04-Written Orders (Patient Specific), 88-Not Applicable, 99-Unknown</li> <li>Text Field Size = 2</li> </ul>
<input type="checkbox"/>	<b>E18.11 Medication</b>	The last name of the authorizing	[text] Value or

NHO	Data Element Name	Definition	Database Value Codes
	<p><b>Authorizing Physician</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li>• <a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	<p>physician ordering the medication administration if the order was provided by any manner other than protocol (standing order) in E18.10</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• Associated with Medication Authorization (E18.10) if the value is not "Protocol".</li> <li>• Associated with E18.1</li> <li>• Nullable=See E0</li> </ul>
<b>Section E19: Intervention / Procedure</b>			
<input type="checkbox"/>	<p><b>E19.1 Date/Time Procedure Performed Successfully</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li>• <a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	<p>The date and time the procedure was performed on the patient</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[date/time]</p> <ul style="list-style-type: none"> <li>• This is a multiple entry configuration which will allow for multiple procedures to be documented.</li> <li>• If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>• Associated with E19.2 through E19.14.</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 58 and Essential Element 63</u></p> <ul style="list-style-type: none"> <li>• Title: Time of First CPR (58) and Time of First Defibrillatory Shock (63)</li> <li>• [Element 58] is obtained from documentation of CPR as a Procedure with its associated time</li> <li>• [Element 63] is obtained from the documentation of defibrillation as a procedure with its associated time</li> <li>• Time Field formatted as HHMM</li> </ul>
<input type="checkbox"/>	<p><b>E19.2 Procedure Performed Prior to this Units EMS Care</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li>• <a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	<p>Indicates that the procedure which was performed and documented was performed prior to this EMS unit's care.</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[single choice combo]</p> <p>0: No 1: Yes</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>• If E19.2 is "Yes", the Date/Time Medication Administered (E19.1) is not required.</li> <li>• Associated with E19.1</li> <li>• Nullable=See E0</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<p><b>E19.3 Procedure</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li>• <a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	<p>The procedure performed on the patient.</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[single choice combo] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>• List created from Procedures (D4.4)</li> <li>• Associated with E19.1</li> <li>• Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Desirable Element 58, and Essential Elements 63 and 78</u></p> <ul style="list-style-type: none"> <li>• Title: Time of First CPR (58), Time of First Defibrillatory Shock (63), and Procedure or Treatment Name (78)</li> <li>• [Element 58] is obtained from documentation of CPR as a Procedure with its associated time</li> <li>• [Element 63] is obtained from the documentation of defibrillation as a procedure with its associated time</li> <li>• [Element 78] 96.70-Assisted ventilation (positive pressure), 93.59-Backboard, 39.98-Bleeding controlled, 93.57-Burn care, 99.60-Cardiopulmonary resuscitation, 93.52-Cervical immobilization, 31.10-Cricothyrotomy, 89.51-ECG monitoring, 96.04-Endotracheal intubation, 99.63-External cardiac massage, 99.62-External defibrillation (includes auto), 38.93-Intravenous catheter, 41.92-Intraosseous catheter, 99.29-Intravenous fluids, 93.58-MAST (military anti-shock trousers), 96.01-Nasopharyngeal airway insertion, 96.05-Nasogastric tube insertion, 73.59-Obstetrical care (delivery), 96.02-Oropharyngeal airway insertion, 93.96-Oxygen by mask, 93.96-Oxygen by cannula, 93.54-Splint of extremity, 93.54-Traction splint</li> <li>• Text Field Size = 4</li> </ul> <p><u>NFIRS 5.0: EMS Module</u></p> <ul style="list-style-type: none"> <li>• Title: Procedures Used</li> <li>• Multiple Select Pick-List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) =14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instructions = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN  <u>Utstein 2002</u> <ul style="list-style-type: none"> <li>Arrest after arrival of EMS could be documented by CPR or Defibrillation performed along with the Cardiac Arrest datapoint.</li> </ul>
<input type="checkbox"/>	<b>E19.4 Size of Procedure Equipment</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	The size of equipment used in the procedure on the patient  <u>Collected by:</u> The EMS personnel.	[text] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Can be entered as text or configured as a List Box with the specific size associated with each Procedure listed for each EMS Unit in the Demographic Dataset (D4.4)</li> <li>Associated with E19.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E19.4 Number of Procedure Attempts</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	The number of attempts taken to complete a procedure or intervention regardless of success  <u>Collected by:</u> The EMS personnel.	[Number] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E19.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E19.6 Procedure Successful</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	Indication of whether or not the procedure performed on the patient was successful  <u>Collected by:</u> The EMS personnel.	[single choice combo]  0: No 1: Yes - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E19.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E19.7 Procedure Complication</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	Any complication associated with the performance of the procedure on the patient  <u>Collected by:</u> The EMS personnel.	[multiple choice combo]  4500: None 4505: Altered Mental Status 4510: Apnea 4515: Bleeding 4520: Bradycardia 4525: Diarrhea 4530: Esophageal Intubation-immediately

NHO	Data Element Name	Definition	Database Value Codes
	<ul style="list-style-type: none"> <li><a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>		<p>detected</p> <p>4535: Esophageal Intubation-other</p> <p>4540: Extravasation</p> <p>4545: Hypertension</p> <p>4550: Hyperthermia</p> <p>4555: Hypotension</p> <p>4560: Hypoxia</p> <p>4565: Injury</p> <p>4570: Itching/Urticaria</p> <p>4575: Nausea</p> <p>4580: Other</p> <p>4585: Respiratory Distress</p> <p>4590: Tachycardia</p> <p>4595: Vomiting</p> <p>- 5: Not Available</p> <p>-10: Not Known</p> <p>-25: Not Applicable</p> <ul style="list-style-type: none"> <li>Associated with E19.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E19.8 Response to Procedure</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li><a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	<p>The patient's response to the procedure</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[single choice combo]</p> <p>4600: Improved</p> <p>4605: Unchanged</p> <p>4610: Worse</p> <p>- 5: Not Available</p> <p>-10: Not Known</p> <p>-25: Not Applicable</p> <ul style="list-style-type: none"> <li>Associated with E19.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E19.9 Procedure Crew Members ID</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record and to document the Procedure performance</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> <li><a href="#">Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</a></li> </ul>	<p>The statewide assigned ID number of the EMS crew member performing the procedure on the patient</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[text] Value or</p> <p>- 5: Not Available</p> <p>-10: Not Known</p> <p>-25: Not Applicable</p> <ul style="list-style-type: none"> <li>List box created from the State/Licensure ID Number (D7.2) which could display the Personnel's Names as associated with D8.1, D8.2, and D8.3.</li> <li>Linked to State/Licensure ID Number (D7.2)</li> <li>Associated with E19.1</li> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 26, 27, Desirable 28</u></p> <ul style="list-style-type: none"> <li>Title: Crew Member Number</li> <li>Alpha-numeric entry</li> <li>Text Field undefined length</li> </ul>
<input type="checkbox"/>	<p><b>E19.10 Procedure Authorization</b></p>	<p>The type of procedure authorization obtained</p> <p><u>Collected by:</u></p>	<p>[single choice combo]</p> <p>4615: On-Line (Radio or Telephone)</p> <p>4620: On-Scene</p>



NHO	Data Element Name	Definition	Database Value Codes
	<b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	The EMS personnel.	<b>4625: Protocol (Standing Order)</b> <b>4630: Written Orders (Patient Specific)</b> <b>4635: Not Authorized (Patient Specific)</b> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated with E19.1</li> <li>Nullable=See E0</li> </ul> <b>NHTSA 1.0 Desirable Element 81</b> <ul style="list-style-type: none"> <li>Title: Treatment Authorization</li> <li>01-Protocol (Standing Order), 02-On-Line (Radio or Telephone), 03-On-Scene, 04-Written Orders (Patient Specific), 88-Not Applicable, 99-Unknown</li> <li>Text Field Size = 2</li> </ul>
<input type="checkbox"/>	<b>E19.11 Procedure Authorizing Physician</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	The last name of the authorizing physician ordering the procedure, if the order was provided by any manner other than protocol (standing order)  <b>Collected by:</b> The EMS personnel.	<b>[text] Value or</b> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated with Procedure Authorization (E19.10) if the value is not "Protocol".</li> <li>Associated with E19.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E19.12 Successful IV Site</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	The location of the IV site (if applicable) on the patient  <b>Collected by:</b> The EMS personnel.	<b>[multiple Choice Combo]</b>  <b>4635: Antecubital-Left</b> <b>4640: Antecubital-Right</b> <b>4645: External Jugular-Left</b> <b>4650: External Jugular-Right</b> <b>4655: Femoral-Left IV</b> <b>4660: Femoral-Left Distal IO</b> <b>4665: Femoral-Right IV</b> <b>4670: Femoral-Right Distal IO</b> <b>4675: Forearm-Left</b> <b>4680: Forearm-Right</b> <b>4685: Hand-Left</b> <b>4690: Hand-Right</b> <b>4695: Lower Extremity-Left</b> <b>4700: Lower Extremity-Right</b> <b>4705: Other</b> <b>4710: Scalp</b> <b>4715: Sternal IO</b> <b>4720: Tibia IO-Left</b> <b>4725: Tibia IO-Right</b> <b>4730: Umbilical</b> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E19.13 Tube Confirmation</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	Endotracheal Tube placement verification at the time the airway procedure was done  <u>Collected by:</u> The EMS personnel.	<ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> [multiple Choice Combo]  <b>4735: Auscultation of Bilateral Breath Sounds</b> <b>4740: Colorimetric CO2 Detector Confirmation</b> <b>4745: Digital CO2 Confirmation</b> <b>4750: Esophageal Bulb Aspiration Confirmation</b> <b>4755: Negative Auscultation of the Epigastrium</b> <b>4760: Visualization of the Chest Rising with Ventilation</b> <b>4765: Visualization of Tube Passing Through the Cords</b> <b>4770: Waveform CO2 Confirmation</b> - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E19.3 if Airway Procedure leads to Intubation.</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E19.14 Destination Confirmation of Tube Placement</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> <li>Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools</li> </ul>	Endotracheal Tube location verification on the arrival at the Destination (if applicable)  <u>Collected by:</u> The EMS personnel.	[multiple Choice Combo]  <b>4775: Auscultation of Bilateral Breath Sounds</b> <b>4780: Colorimetric CO2 Detector Confirmation</b> <b>4785: Digital CO2 Confirmation</b> <b>4790: Esophageal Bulb Aspiration Confirmation</b> <b>4795: Negative Auscultation of the Epigastrium</b> <b>4800: Visualization of the Chest Rising with Ventilation</b> <b>4805: Visualization of Tube Passing Through the Cords</b> <b>4810: Waveform CO2 Confirmation</b> - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E19.3 if Airway Procedure leads to Intubation.</li> <li>Nullable=See E0</li> </ul>
<b>Section E20: Disposition</b>			
<input type="checkbox"/>	<b>E20.1 Destination/ Transferred To, Name</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by Destination location and type which also allows EMS</li> </ul>	The destination the patient was delivered or transferred to  <u>Collected by:</u> The EMS personnel.	[text] Value or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be an editable single choice list box derived from Hospitals Served (D4.11) and Other Destinations (D4.13)</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
	<p>information to be sorted by geographic areas in many agencies.</p> <ul style="list-style-type: none"> <li>Provides information on overall service area, patterns and times which can be used for Unit configuration and evaluation.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>		<ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E20.2 Destination/ Transferred To, Code</b></p> <p><u>Possible Reports:</u></p> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by Destination location and type which also allows EMS information to be sorted by geographic areas in many agencies.</li> <li>Provides information on overall service area, patterns and times which can be used for Unit configuration and evaluation.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p>The code of the destination the patient was delivered or transferred to, if present and available</p> <p><u>Collected by:</u> The EMS Unit or may be electronically provided through the 911 or dispatch center.</p>	<p>[text] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Could be an editable single choice list box derived from Hospitals Served (D4.12) and Other Destinations (D4.14)</li> <li>Associated with E20.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E20.3 Destination Street Address</b></p> <p><u>Possible Reports:</u></p> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by Destination location and type which also allows EMS information to be sorted by geographic areas in many agencies.</li> <li>Provides information on overall service area, patterns and times which can be used for Unit configuration and evaluation.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p>The street address of the destination the patient was delivered or transferred to</p> <p><u>Collected by:</u> The EMS Unit or may be electronically provided through the 911 or dispatch center.</p>	<p>[text] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Associated with E20.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E20.4 Destination City</b></p> <p><u>Possible Reports:</u></p> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by Destination location and type which also allows EMS</li> </ul>	<p>The city name of the destination the patient was delivered or transferred to</p> <p><u>Collected by:</u> The EMS Unit or may be electronically provided through</p>	<p>[single choice combo] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Could be filled in from Destination Zip</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
	<p>information to be sorted by geographic areas in many agencies.</p> <ul style="list-style-type: none"> <li>Provides information on overall service area, patterns and times which can be used for Unit configuration and evaluation.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p>the 911 or dispatch center.</p>	<p><b>Code (E20.7)</b></p> <ul style="list-style-type: none"> <li>5 digit FIPS Code</li> <li>Associated with E20.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E20.5 Destination State</b></p> <p><u>Possible Reports:</u></p> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by Destination location and type which also allows EMS information to be sorted by geographic areas in many agencies.</li> <li>Provides information on overall service area, patterns and times which can be used for Unit configuration and evaluation.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p>The destination State in which the patient was delivered or transferred to</p> <p><u>Collected by:</u> The EMS Unit or may be electronically provided through the 911 or dispatch center.</p>	<p>[single choice combo] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Could be filled in from Destination Zip Code (E20.7)</li> <li>2 digit FIPS Code</li> <li>Associated with E20.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E20.6 Destination County</b></p> <p><u>Possible Reports:</u></p> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by Destination location and type which also allows EMS information to be sorted by geographic areas in many agencies.</li> <li>Provides information on overall service area, patterns and times which can be used for Unit configuration and evaluation.</li> <li>A component of the EMS Medical Record (Patient Care Report).</li> </ul>	<p>The destination County in which the patient was delivered or transferred to</p> <p><u>Collected by:</u> The EMS Unit or may be electronically provided through the 911 or dispatch center.</p>	<p>[single choice combo] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Stored as a 5 digit FIPS code (combining the state and county code) to take into account agencies may server more than one state and counties are often named the same from state to state.</li> <li>Associated with E20.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E20.7 Destination Zip Code</b></p>	<p>The destination zip code in which the patient was delivered or transferred to</p> <p><u>Collected by:</u> The EMS Unit or may be electronically provided through the 911 or dispatch center.</p>	<p>[text] Value or</p> <p>- 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Can be 5 or 9 digit Zip Code</li> <li>Associated with E20.1</li> <li>Nullable=See E0</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E20.8 Destination GPS Location</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by Destination location and type which also allows EMS information to be sorted by geographic areas in many agencies.</li> <li>Provides information on overall service area, patterns and times which can be used for Unit configuration and evaluation.</li> </ul>	The destination GPS coordinates to which the patient was delivered or transferred to  <u>Collected by:</u> The EMS Unit or may be electronically provided through the 911 or dispatch center.	[ <b>text</b> ] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E20.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E20.9 Destination Zone Number</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li>Important for grouping or comparing EMS information by Destination location and type which also allows EMS information to be sorted by geographic areas in many agencies.</li> <li>Provides information on overall service area, patterns and times which can be used for Unit configuration and evaluation.</li> </ul>	The zone number of the destination the patient was delivered or transferred to  <u>Collected by:</u> The EMS Unit or may be electronically provided through the 911 or dispatch center.	[ <b>single choice combo</b> ] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Created from Zones (D4.3)</li> <li>Associated with E20.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E20.10 Incident/Patient Disposition</b>	Type of disposition treatment and/or transport of the patient.  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  4815: Cancelled 4820: Dead at Scene 4825: No Patient Found 4830: No Treatment Required 4835: Patient Refused Care 4840: Treated and Released 4845: Treated, Transferred Care 4850: Treated, Transported by EMS 4855: Treated, Transported by Law Enforcement 4860: Treated, Transported by Private Vehicle - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> <u>NHTSA 1.0 Essential Element 47</u> <ul style="list-style-type: none"> <li>Title: Incident/Patient Disposition</li> <li>01-Treated, Transported by EMS, 02-Treated, Transferred Care, 03-Treated, Transported by Private Vehicle, 04-Treated and Released, 05-No Treatment Required,</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
			06-Patient Refused Care, 07-Dead at Scene, 08-Cancelled, 88-Not Applicable, 99-Unknown, 00-No Patient Found • Text Field Size = 2  <u>NFIRS 5.0: EMS Module</u> • Title: Disposition • Pick-List: FD Transport to Emergency Care Facility (ECF) = 1, Non-FD Transport = 2, Non-FD Transport with FD Attendant = 3, Non-Emergency Transfer = 4, Other = 0, Not Transported under EMS = N
<input type="checkbox"/>	<b>E20.11 How Patient Was Moved to Ambulance</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care.</li> </ul>	The method the patient was moved to the ambulance from the scene  <u>Collected by:</u> The EMS personnel.	<b>[single choice combo]</b>  <b>4865: Assisted/Walk</b> <b>4870: Carry</b> <b>4875: Stairchair</b> <b>4880: Stretcher</b> <b>4885: Other</b> <ul style="list-style-type: none"> <li>5: Not Available</li> <li>10: Not Known</li> <li>25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E20.12 Position of Patient During Transport</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care.</li> </ul>	The position of the patient during transport from the scene  <u>Collected by:</u> The EMS personnel.	<b>[single choice combo]</b>  <b>4890: Car Seat</b> <b>4895: Fowlers</b> <b>4900: Lateral</b> <b>4905: Prone</b> <b>4910: Semi-Fowlers</b> <b>4915: Sitting</b> <b>4920: Supine</b> <b>4925: Other</b> <ul style="list-style-type: none"> <li>5: Not Available</li> <li>10: Not Known</li> <li>25: Not Applicable</li> </ul> Nullable=See E0
<input type="checkbox"/>	<b>E20.13 How Patient Was Transported From Ambulance</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Used in Quality Management for the evaluation of Care.</li> </ul>	The method the patient was moved from the ambulance to the destination  <u>Collected by:</u> The EMS personnel.	<b>[single choice combo]</b>  <b>4930: Assisted/Walk</b> <b>4935: Stretcher</b> <b>4940: Carry</b> <b>4945: Stairchair</b> <b>4950: Other</b> <ul style="list-style-type: none"> <li>5: Not Available</li> <li>10: Not Known</li> <li>25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E20.14 Transport Mode from Scene</b>	Indication whether or not lights and/or sirens were used on the vehicle while leaving scene	<b>[single choice combo]</b>  <b>4955: Initial Lights and Sirens, Downgraded</b>

NHO	Data Element Name	Definition	Database Value Codes
		<u>Collected by:</u> The EMS personnel.	to No Lights or Sirens <b>4960:</b> Initial No Lights or Sirens, Upgraded to Lights and Sirens <b>4965:</b> Lights and Sirens <b>4970:</b> No Lights or Sirens - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"><li>• Nullable=See E0</li></ul> NHTSA 1.0 Essential Element 46 <ul style="list-style-type: none"><li>• Title: Lights and Sirens used from the Scene</li><li>• Pick-List: 1-Non-Emergent, no lights or sirens, 2-Initial Emergent, downgraded to no lights or sirens, 3-Initial Non-Emergent, upgraded to lights and sirens, 4-Emergent, with lights and sirens, 8-Not Applicable</li><li>• Text Field Size=1 (for single digit code)</li></ul>
<input type="checkbox"/>	<b>E20.15 Condition of Patient at Destination</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"><li>• <a href="#">Part of an EMS Medical Record</a></li><li>• <a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li><li>• <a href="#">An Outcome Indicator</a></li></ul>	The condition of the patient after care by EMS  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  <b>4975:</b> Improved <b>4980:</b> Unchanged <b>4985:</b> Worse - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"><li>• Nullable=See E0</li></ul> NFIRS 5.0: EMS Module <ul style="list-style-type: none"><li>• Title: Patient Status</li><li>• The patient's status when transferred to another Unit.</li><li>• Pick-List: Improved = 1, Remained Same = 2, Worsened = 3</li></ul>
<input type="checkbox"/>	<b>E20.16 Reason for Choosing Destination</b>	The reason the unit chose to deliver or transfer the patient to the destination  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  <b>4990:</b> Closest Facility (none below) <b>4995:</b> Diversion <b>5000:</b> Family Choice <b>5005:</b> Insurance Status <b>5010:</b> Law Enforcement Choice <b>5015:</b> On-Line Medical Direction <b>5020:</b> Other <b>5025:</b> Patient Choice <b>5030:</b> Patient's Physicians Choice <b>5035:</b> Protocol <b>5040:</b> Specialty Resource Center - 5: Not Available -10: Not Known -25: Not Applicable <ul style="list-style-type: none"><li>• Nullable=See E0</li></ul> NHTSA 1.0 Essential Element 45



NHO	Data Element Name	Definition	Database Value Codes
			<ul style="list-style-type: none"> <li>Title: Destination Determination</li> <li>01-Closest Facility (none below), 02-Patient/Family Choice, 03-Patient's Physicians Choice, 04-Managed Care, 05-Law Enforcement Choice, 06-Protocol, 07-Specialty Resource Center, 08-On-Line Medical Direction, 09-Diversion, - 10-Other, 88-Not Applicable, 99-Unknown</li> <li>Text Field Size = 2</li> </ul>
<input type="checkbox"/>	<b>E20.17 Type of Destination</b>	<p>The type of destination the patient was delivered or transferred to</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[single choice combo]</p> <p>5045: Home 5050: Hospital 5055: Medical Office/Clinic 5060: Morgue 5065: Nursing Home 5070: Other 5075: Other EMS Responder (air) 5080: Other EMS Responder (ground) 5085: Police/Jail - 5: Not Available -10: Not Known -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> <p><u>NHTSA 1.0 Essential Element 44</u></p> <ul style="list-style-type: none"> <li>Title: Destination/Transferred To</li> <li>01=Home, 02-Police/Jail, 03-Medical Office/Clinic, 04-Other EMS Responder (ground), 05-Other EMS Responder (air), 06-Hospital, 07-Morgue, 88-Not Applicable</li> <li>Text Field Size = 2</li> </ul>
<b>Section E21: Medical Device Data</b>			
<input type="checkbox"/>	<b>E21.1 Event Date/Time</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Provides documentation of Assessment and Care.</a></li> <li><a href="#">Used in Quality Management for the evaluation of Care and EMS Unit Performance.</a></li> </ul>	<p>The time of the event recorded by the device's internal clock</p> <p><u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.</p>	<p>[Date/Time]</p> <ul style="list-style-type: none"> <li>Multiple entry configuration associated with the entire Medical Device Section (E21) to allow multiple sets of device data to be entered.</li> <li>If the date/time is electronically stored within a database or transmitted via XML as a "tick", the following values can also be used: <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> </li> <li>Depending on whether this is a Procedure or a Vital Sign, this can be merged into Date/Time Vital Taken (E14.1) or Date/Time Procedure Performed Successfully (E19.1)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.2 Medical Device Event Name</b>	The type of event documented by the medical device.	[text]

NHO	Data Element Name	Definition	Database Value Codes
	<b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<b>Collected by:</b> The medical device and electronically transmitted to the EMS database for further use.	5090: 12-Lead ECG 5095: Analysis (Button Pressed) 5100: CO2 5105: Date Transmitted 5110: Defibrillation 5115: ECG-Monitor 5120: Heart Rate 5125: Invasive Pressure 1 5130: Invasive Pressure 2 5135: No Shock Advised 5140: Non-Invasive BP 5145: Pacing Electrical Capture 5150: Pacing Started 5155: Pacing Stopped 5160: Patient Connected 5165: Power On 5170: Pulse Oximetry 5175: Pulse Rate 5180: Respiratory Rate 5185: Shock Advised 5190: Sync Off 5195: Sync On - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Depending on the event, this data can be merged with Vital Sign or Procedure Data defined in Sections E14 and E19.</li> <li>Associated with E21.1</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.3 Waveform Graphic Type</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The type of waveform file stored in Waveform Graphic (E21.3)  <b>Collected by:</b> The medical device and electronically transmitted to the EMS database for further use.	[ <b>text</b> ]  5200: JPG 5205: PDF - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.4 Waveform Graphic</b>  <b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The graphic waveform file in a PDF or JPG format.  <b>Collected by:</b> The medical device and electronically transmitted to the EMS database for further use.	[ <b>binary</b> ] file or  - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Associated with E21.3</li> <li>Associated with E21.2</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.5 AED, Pacing, or CO2</b>	The mode of operation the	[ <b>text</b> ]

NHO	Data Element Name	Definition	Database Value Codes
	<p><b>Mode</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>device is operating in during the defibrillation, pacing, or rhythm analysis by the device (if appropriate for the event)</p> <p><u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.</p>	<p><b>5210: Automated</b>  <b>5215: Manual</b>  <b>5220: Advisory</b>  <b>5225: Demand</b>  <b>5230: Sensing</b>  <b>5235: Mid-Stream</b>  <b>5240: Side-Stream</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E21.6 ECG Lead</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>The lead or source which the medical device used to obtain the rhythm (if appropriate for the event)</p> <p><u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.</p>	<p>[text]</p> <p><b>5245: I</b>  <b>5250: II</b>  <b>5255: III</b>  <b>5260: AVR</b>  <b>5265: AVL</b>  <b>5270: AVF</b>  <b>5275: V1</b>  <b>5280: V2</b>  <b>5285: V3</b>  <b>5290: V4</b>  <b>5295: V5</b>  <b>5300: V6</b>  <b>5305: Paddle</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E21.7 ECG Interpretation</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<p>The interpretation of the rhythm by the device (if appropriate for the event)</p> <p><u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.</p>	<p>[text] value or</p> <p>- 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E21.8 Type of Shock</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for</li> </ul>	<p>The energy form used by the device for the defibrillation (if appropriate for the event)</p> <p><u>Collected by:</u> The medical device and electronically transmitted to the</p>	<p>[text]</p> <p><b>5310: Biphasic</b>  <b>5315: Monophasic</b>  - 5: Not Available  -10: Not Known  -25: Not Applicable</p>

NHO	Data Element Name	Definition	Database Value Codes
	<a href="#">the evaluation of Care and EMS Unit Performance.</a>	EMS database for further use.	<ul style="list-style-type: none"> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.9 Shock or Pacing Energy</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The energy used for the shock or pacing event (if appropriate for the event)  <u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.10 Total Number of Shocks Delivered</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The number of times the patient was defibrillated, if the patient was defibrillated during the patient encounter.  <u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.11 Pacing Rate</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The rate the device was calibrated to pace during the event, if appropriate.  <u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.12 Device Heart Rate</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The heart rate electronically obtained by the device (if appropriate for the event)  <u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be merged into Electronic Monitor Rate (E14.8)</li> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.13 Device Pulse Rate</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> </ul>	The pulse rate as measured from the pulse oximeter, non-invasive pressure, or invasive pressure transducers (if appropriate for the event)	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable

NHO	Data Element Name	Definition	Database Value Codes
	<ul style="list-style-type: none"> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	<b>Collected by:</b> The medical device and electronically transmitted to the EMS database for further use.	<ul style="list-style-type: none"> <li>Could be merged into Electronic Monitor Rate (E14.7)</li> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.14 Device Systolic Blood Pressure</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The Systolic Blood Pressure as measured either through non-invasive blood pressure, invasive blood pressure monitor 1, or invasive blood pressure monitor 2 (if appropriate for the event)  <b>Collected by:</b> The medical device and electronically transmitted to the EMS database for further use.	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be merged into SBP (E14.4)</li> <li>Associated with E21.19</li> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.15 Device Diastolic Blood Pressure</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The Diastolic Blood Pressure as measured either through non-invasive blood pressure, invasive blood pressure monitor 1, or invasive blood pressure monitor 2 (if appropriate for the event)  <b>Collected by:</b> The medical device and electronically transmitted to the EMS database for further use.	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be merged into DBP (E14.5)</li> <li>Associated with E21.19</li> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.16 Device Respiratory Rate</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The Respiratory Rate as calculated from the device through one of the various monitoring parameters (if appropriate for the event)  <b>Collected by:</b> The medical device and electronically transmitted to the EMS database for further use.	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be merged into Respiratory Rate (E14.11)</li> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.17 Device Pulse Oximetry</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The Oxygen Saturation as measured from the pulse oximeter in % (if appropriate for the event)  <b>Collected by:</b> The medical device and electronically transmitted to the EMS database for further use.	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be merged into Pulse Oximetry (E14.9)</li> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E21.18 Device CO2 or etCO2</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The Carbon Dioxide or end-tidal Carbon Dioxide as measured from the device transducers (if appropriate for the event)  <u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Could be merged into CO2 (E14.13)</li> <li>Associated with E21.19</li> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.19 Device CO2, etCO2, or Invasive Pressure Monitor Units</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The Units of Carbon Dioxide, end-tidal Carbon Dioxide, invasive pressure monitor 1, or invasive pressure monitor 2 as measured from the device transducers (if appropriate for the event)  <u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.	[text]  5320: kPa 5325: % Volume 5330: mmHg - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Associated with E21.14, E21.15, E21.18, and E21.20</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E21.20 Device Invasive Pressure Mean</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Provides documentation of Assessment and Care.</li> <li>Used in Quality Management for the evaluation of Care and EMS Unit Performance.</li> </ul>	The Invasive Pressure Mean as calculated either through the invasive pressure monitor 1 or the invasive pressure monitor 2 (if appropriate for the event)  <u>Collected by:</u> The medical device and electronically transmitted to the EMS database for further use.	[number] Value or - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Associated with E21.1 and only if appropriate for the Medical Device Event (E21.2)</li> <li>Associated with E21.19</li> <li>Nullable=See E0</li> </ul>
<b>Section E22: Outcome and Linkage</b>			
<input type="checkbox"/>	<b>E22.1 Emergency Department Disposition</b>	The known disposition of the patient from the Emergency Department (ED)  <u>Collected by:</u> The EMS Unit. Could be collected by Administration or electronically provided by linkage to hospital databases.	[single choice combo]  5335: Admitted to Hospital Floor 5340: Admitted to Hospital ICU 5345: Death 5350: Not Applicable (Not Transported to ED) 5355: Released 5360: Transferred - 5: Not Available -10: Not Known -25: Not Applicable  <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>



NHO	Data Element Name	Definition	Database Value Codes
			<u>Utstein 2002</u> <ul style="list-style-type: none"> <li>Title: Survived Event to ED/ICU</li> <li>Admitted to ED, Admitted to ICU</li> </ul>
<input type="checkbox"/>	<b>E22.2 Hospital Disposition</b>	<p>Indication of how the patient was dispositioned from the hospital, if admitted.</p> <p><u>Collected by:</u> The EMS Unit. Could be collected by Administration or electronically provided by linkage to hospital databases.</p>	<p>[single choice combo]</p> <p>5365: Death 5370: Discharged 5375: Transfer to Hospital 5380: Transfer to Nursing Home 5385: Transfer to Other 5390: Transfer to Rehabilitation Facility</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul> <p><u>Utstein 2002</u></p> <ul style="list-style-type: none"> <li>Title: Discharged Alive</li> <li>Discharged from the Hospital Alive</li> </ul>
<input type="checkbox"/>	<b>E22.3 Law Enforcement / Crash Report Number</b> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Important linkage between EMS data and Crash or Vehicle</a></li> <li><a href="#">Data for Outcome evaluation.</a></li> </ul>	<p>The unique number associated with the law enforcement or crash report which can be used for linkage at a later date.</p> <p><u>Collected by:</u> The EMS personnel. Could be collected by Administration or electronically provided by linkage to other databases.</p>	<p>[text] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E22.4 Trauma Registry ID</b> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Important linkage between EMS data and Trauma Data for Outcome evaluation.</a></li> <li><a href="#">Important for Quality Management of the overall EMS Unit and Clinical performance.</a></li> </ul>	<p>The unique number associated with the local or state trauma registry which can be used for linkage at a later date.</p> <p><u>Collected by:</u> The EMS personnel. Could be collected by Administration or electronically provided by linkage to other databases.</p>	<p>[text] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E22.5 Fire Incident Report Number</b> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Important linkage between EMS data and Fire Data for Outcome evaluation.</a></li> <li><a href="#">Important for Quality Management of the overall EMS Unit and Clinical performance.</a></li> </ul>	<p>The unique number associated with the fire incident report which can be used for linkage at a later date.</p> <p><u>Collected by:</u> The EMS personnel. Could be collected by Administration or electronically provided by linkage to other databases.</p>	<p>[text] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-25: Not Applicable</li> </ul> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E22.6 Patient ID Band/Tag Number</b>	<p>The unique number associated with a patient ID band Unit. This is used by a few states as</p>	<p>[text] Value or</p> <ul style="list-style-type: none"> <li>- 5: Not Available</li> </ul>



NHO	Data Element Name	Definition	Database Value Codes
	<b>Reports Possible and Data Use:</b> <ul style="list-style-type: none"> <li>• <a href="#">Important linkage between EMS data the other components of the healthcare Unit.</a></li> <li>• <a href="#">Important for Quality Management and Outcome analysis of the overall EMS Unit and Clinical performance.</a></li> </ul>	<p>a universal linkage between healthcare data Units.</p> <p><b>Collected by:</b> The EMS personnel. Could be collected by Administration or electronically provided by linkage to other databases.</p>	<p><b>-10: Not Known</b> <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<b>Section E23: Miscellaneous</b>			
<input type="checkbox"/>	<b>E23.1 Review Requested</b> <p><b>Reports Possible and Data Use:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Unit related field to identify records for Quality Management review.</a></li> </ul>	<p>Indication of whether the form needs review by anyone.</p> <p><b>Collected by:</b> The EMS personnel or anyone associated with the EMS Unit.</p>	<p><b>[single choice combo]</b></p> <p><b>0: No</b> <b>1: Yes</b> <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E23.2 Potential Registry Candidate</b> <p><b>Reports Possible and Data Use:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Allows reports to be generated to assist in the enrollment of patients in mandated registries.</a></li> </ul>	<p>An indication if the patient may meet the entry criteria for a injury or illness specific registry</p> <p><b>Collected by:</b> The EMS personnel. Could be collected by Administration or electronically provided by linkage to other databases.</p>	<p><b>[multiple choice combo]</b></p> <p><b>5395: Burn</b> <b>5400: Cardiac/MI</b> <b>5405: CVA/Stroke</b> <b>5410: Drowning</b> <b>5415: Spinal Cord Injury</b> <b>5420: Trauma</b> <b>5425: Traumatic Brain Injury</b> <b>5430: Other</b> <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E23.3 Personal Protective Equipment Used</b> <p><b>Reports Possible and Data Use:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Part of an EMS Medical Record</a></li> <li>• <a href="#">Important for the Quality Management evaluation of personnel performance and safety initiatives.</a></li> </ul>	<p>The personal protective equipment which was used by EMS personnel during this EMS patient contact.</p> <p><b>Collected by:</b> The EMS personnel.</p>	<p><b>[multiple choice combo]</b></p> <p><b>5435: Eye Protection</b> <b>5440: Gloves</b> <b>5445: Level A Suit</b> <b>5450: Level B Suit</b> <b>5455: Level C Suit</b> <b>5460: Mask</b> <b>5465: Other</b> <b>- 5: Not Available</b> <b>-10: Not Known</b> <b>-25: Not Applicable</b></p> <ul style="list-style-type: none"> <li>• <b>Nullable=See E0</b></li> </ul>
<input type="checkbox"/>	<b>E23.4 Suspected Intentional, or Unintentional Disaster</b> <p><b>Reports Possible and Data Use:</b></p>	<p>Suspicion of the listed multi-casualty or domestic terrorism causes.</p> <p><b>Collected by:</b> The EMS personnel.</p>	<p><b>[multiple choice combo]</b></p> <p><b>5470: Biologic Agent</b> <b>5475: Building Failure</b> <b>5480: Chemical Agent</b> <b>5485: Explosive Device</b> <b>5490: Fire</b></p>

NHO	Data Element Name	Definition	Database Value Codes
	<ul style="list-style-type: none"> <li><a href="#">May assist in the tracking and identification of Disaster or Terrorism related events.</a></li> </ul>		<p>5495: Hostage Event  5500: Incendiary Device (causing fire)  5505: Mass Gathering  5510: Nuclear Agent  5515: Radioactive Device  5520: Secondary Destructive Device  5525: Shooting/Sniper  5530: Vehicular  5535: Weather  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E23.5 Suspected Contact with Blood/Body Fluids of EMS Injury or Death</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Important for the Quality Management evaluation of personnel performance and safety initiatives.</a></li> </ul>	<p>Indication of unprotected contact with blood or body fluids</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[single choice combo]</p> <p>0: No  1: Yes  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E23.6 Type of Suspected Blood/Body Fluid Exposure, Injury, or Death</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Important for the Quality Management evaluation of personnel performance and safety initiatives.</a></li> </ul>	<p>The type of exposure or unprotected contact with blood or body fluids</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p>5540: Contact to Broken Skin  5545: Contact to Intact Skin  5550: Contact with Eye  5555: Contact with Mucosal Surface  5560: Inhalation Exposure  5565: Needle Stick with Fluid Injection  5570: Needle Stick without Fluid Injection  5575: Other Physical injury  5580: Death  5585: None  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Associated with E23.5</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<p><b>E23.7 Personnel Exposed</b></p> <p><u>Reports Possible and Data Use:</u></p> <ul style="list-style-type: none"> <li><a href="#">Part of an EMS Medical Record</a></li> <li><a href="#">Important for the Quality Management evaluation of personnel performance and safety initiatives.</a></li> </ul>	<p>The EMS personnel who was/were exposed to unprotected contact with blood or body fluids</p> <p><u>Collected by:</u> The EMS personnel.</p>	<p>[multiple choice combo]</p> <p>5590: This EMS Crew  5595: Non-EMS individual  5600: Other EMS Personnel  - 5: Not Available  -10: Not Known  -25: Not Applicable</p> <ul style="list-style-type: none"> <li>Associated with E23.5</li> <li>Nullable=See E0</li> </ul>

NHO	Data Element Name	Definition	Database Value Codes
<input type="checkbox"/>	<b>E23.8 Required Reportable Conditions</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record</li> <li>Allows reports to be generated to assist in the required reporting of mandated medical or social conditions.</li> <li>Important for the Quality Management evaluation of personnel performance and safety initiatives.</li> </ul>	The presence of any condition which is reportable based on federal or state regulations.  <u>Collected by:</u> The EMS personnel.	[ <b>single choice combo</b> ]  <b>0: No</b> <b>1: Yes</b> - <b>5: Not Available</b> - <b>10: Not Known</b> - <b>25: Not Applicable</b>  <ul style="list-style-type: none"> <li>Associated with E23.5</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E23.9 Research Survey Field</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Used by local EMS agencies to document issues which are specific to an Unit or related to research or short term evaluation.</li> </ul>	A customizable field to be used by local agencies for additional documentation or research.  <u>Collected by:</u> The EMS personnel.	[ <b>text</b> ] Value or  - <b>5: Not Available</b> - <b>10: Not Known</b> - <b>25: Not Applicable</b>  <ul style="list-style-type: none"> <li>A multiple entry configuration to allow multiple Research Survey Fields</li> <li>Nullable=See E0</li> </ul>
<input type="checkbox"/>	<b>E23.10 Who Generated this Report?</b>  <u>Reports Possible and Data Use:</u> <ul style="list-style-type: none"> <li>Part of an EMS Medical Record.</li> <li>Important for the Quality Management evaluation</li> </ul>	The statewide assigned ID number of the EMS crew member which completed this patient care report  <u>Collected by:</u> The EMS personnel.	[ <b>text</b> ] Value or  - <b>5: Not Available</b> - <b>10: Not Known</b> - <b>25: Not Applicable</b>  <ul style="list-style-type: none"> <li>List box created from the State/Licensure ID Number (D7.2) which could display the Personnel's Names as associated with D8.1, D8.2, and D8.3.</li> <li>Linked to State/Licensure ID Number (D7.2)</li> <li>Nullable=See E0</li> </ul>

# New Hampshire PreHospital Dataset, Version 2

## Demographic Dataset

New Hampshire Bureau of EMS Information Agency Project (TEMSIS)

The National Highway Traffic Safety Administration's EMS Uniform PreHospital Dataset, Version 2.05 is composed of two separate documents or components. This primary document describes the EMS Dataset. A secondary EMS Demographic dataset has been defined which standardizes the information specific to an EMS System. Both the EMS and the Demographic Dataset are required to implement the NHTSA Version 2 dataset.

The recommended National EMS Dataset to be collected at the national level on every EMS Patient Encounter is noted by the check box in the left column and by the **red descriptive comments** noted in the Field Name Column.

This Demographic Dataset is a subset of information describing each EMS agency, EMS personnel, and important system information which is needed to generate reports at the local, state, and national level. This information is typically completed and reviewed once per year and updated as changes for an EMS system or for any EMS personnel occur. This information is not collected with each patient encounter but is electronically attached to each patient encounter to make the data more useful and allow more efficient documentation by EMS personnel.

Information provided in this document includes the following:

- Name of the Data Element
- Definition of the Data Element
- Data Type of the Data Element (many data elements have comments provided to assist in the implementation of a database schema and the NHTSA Version 2 XML standard)
- How to deal with missing or incomplete information (See Missing Data or Null Values below)
- The Variables associated with each Data Element
- What Data Elements are associated with the Data Element (for example Date/Time Medication Administered is associated with each Medication Given Data Element)
- Whether the Data Element is part of the Data Elements to be collected in the National EMS Database (NDB)
- Whether the Data Element is part of the medical record information (Patient Care Report) or is a quality management Data Element to be used internally by the EMS system and protected by Peer Review.
- What Reports are possible through the use of the Data Element
- Who is responsible for collecting the Data Element
- How the Data Element is related to other National Data Tools such as NHTSA Version 1, NFIRS, and Utstein

Data types include:

- Binary (Graphic) = a jpg or pdf file associated with a graphic waveform from a medical device.
- Date/Time = a timestamp including the date and time.
- Long Integer = numeric data which is larger than the typical "Number" or "Integer" data type.
- Multiple Choice Combo = a list of variables of which more than one can be selected.
- Number = numeric data only often called "integer".
- Single Choice Combo = a list of variables of which only one can be selected.
- Text = can be alpha or numeric.

## How to Handle Missing Data or Null Values:

For any collection of data to be of value and reliably represent what it was intended, a strong commitment must be made to make sure incomplete data is correctly documented. The following method of ensuring data integrity must be followed with the use of the NHTSA dataset.

When data elements are being electronically stored in a database or moved from one database to another using XML, the following values should be applied when a data element is empty or contains a null value.

- **Not Reporting (Code “-15”)** = If an EMS documentation or information system is not using any of the data elements of the NHTSA dataset, the code “-15” (the value “Not Reporting”) should be inserted into the database and/or XML for that data element. This value will be stored in the database to record that the EMS system was not using that data element when the EMS event or patient encounter was documented.
- **Not Recorded (Code “-20”)** = If an EMS documentation or information system has an empty field or nothing is recorded in any of the data elements of the NHTSA dataset, the code “-20” (the value “Not Recorded”) should be inserted into the database and/or XML for that data element. This value will be stored in the database to record that the EMS Patient Care Report did not have a value for that specific data element when the EMS event or patient encounter was documented.

**Since the Demographic EMS Data is descriptive of the EMS system, personnel, and resources, it is only required to be entered once and then updated when appropriate. This information is critical to the generation of list boxes for the EMS dataset and for the generation of reports from the EMS data. For this reason, none of the Demographic dataset elements should have null values.** When data is being documented at the time of an EMS event or patient encounter and the EMS personnel or EMS system are unable to provide the information required to complete the data element, the following three values may be used:

- **Not Available (Code “-5”)** = At the time of the EMS patient care report documentation, the information was “Not Available” to the EMS personnel. This documents that the needed information did exist but the EMS personnel was unsuccessful in their attempt to obtain the information.
- **Not Known (Code “-10”)** = At the time of the EMS patient care report documentation, the information was “Not Known” to the patient, family, or EMS personnel. This documents that there was an attempt to obtain the information but it was unknown by all parties involved.
- **Not Applicable (“-25”)** = At the time of the EMS patient care report documentation, the information requested was “Not Applicable” to the EMS or patient event. The documents that there was no need to document the information since it was not applicable. As an example, it would not be necessary to document mechanism or injury related information on a patient who was not traumatized.

NDB	Data Element Name	Definition	Values
<b>Common Values</b>			
	<b>D0 Common Values</b>  <u>NONE OF THE DEMOGRAPHIC DATA ELEMENTS SHOULD HAVE NULL VALUES. SINCE DEMOGRAPHIC DATA IS COMPLETED ONCE AND ONLY UPDATED AS NEEDED, NO NULL VALUES SHOULD EXIST.</u>  <b>THESE VALUES ARE TO BE USED IN ALL OF THE EMS DATA ELEMENTS DESCRIBED IN THIS DOCUMENT. PLEASE INCLUDE THESE VARIABLES IN THE IMPLEMENTATION OF THE NHTSA VERSION 2 DATASET.</b>  <b>PLEASE SEE THE DOCUMENTATION ON PAGE 2 OF THIS DOCUMENT FOR THE DEFINITIONS OF EACH OF THESE VALUES.</b>		<ul style="list-style-type: none"> <li>- 5: Not Available</li> <li>-10: Not Known</li> <li>-15: Not Reporting</li> <li>-20: Not Recorded</li> <li>-25: Not Applicable</li> <li>• These codes are <u>negative values</u> ("-5", "-10", etc.)</li> </ul>
<b>Section D1: Agency-General Information</b>			
<input type="checkbox"/>	<b>D1.1 EMS Agency Number</b>	<p>The state-assigned provider number of the responding agency</p> <p><u>Collected by:</u> Generated by the State EMS Regulatory Office. Collected by the EMS Agency or auto-generated by the EMS Agency specific software.</p>	<p>[text]</p> <ul style="list-style-type: none"> <li>• unique, typically sequential</li> <li>• The same as EMS Agency Number (E2.1). This could be used to auto fill E2.1 on the Patient Care Report.</li> <li>• <u>Nullable=No, a unique value must be provided to create a unique record ID within a database.</u></li> </ul> <p><b>Related Datasets</b>  <u>NHTSA 1.0 Desirable Element 23</u> <ul style="list-style-type: none"> <li>• Title: Patient Care Record Number</li> </ul> <u>1.1 NFIRS 5.0: EMS Module</u> <ul style="list-style-type: none"> <li>• Title: Patient Number</li> </ul> </p>
<input type="checkbox"/>	<b>D1.2 EMS Agency Name</b>  <u>Possible Reports:</u> <ul style="list-style-type: none"> <li>• <a href="#">Used to personalize reports associated with the EMS Agency</a></li> <li>• <a href="#">Component of the EMS Agency Contact information</a></li> </ul>	<p>The formal name of the agency</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[text]</p> <ul style="list-style-type: none"> <li>• Associated with D1.1</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.3 EMS Agency State</b>	<p>The state the Agency provides services in</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[multiple choice combo]</p> <ul style="list-style-type: none"> <li>• 2 digit FIPS code</li> <li>• Associated with D1.1</li> <li>• <u>Nullable=No, a unique value must be provided to create a unique record ID within a database.</u></li> </ul> <p><b>Related Datasets</b></p>

NDB	Data Element Name	Definition	Values
			<b>1.2 NFIRS 5.0: EMS Module</b> <ul style="list-style-type: none"> <li>Title: State</li> </ul>
<input type="checkbox"/>	<b>D1.4 EMS Agency County</b>	<p>The county(s) the agency formally provides services to.</p> <p><b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[multiple choice combo]</p> <ul style="list-style-type: none"> <li>Stored as a 5 digit FIPS code (combining the state and county code) to take into account agencies may serve more than one state and counties are often named the same from state to state.</li> <li>Associated with D1.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.41 EMS Agency Region</b>	<p>The EMS Regions(s) the agency formally provides services to.</p> <p><b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[multiple choice combo]</p> <ul style="list-style-type: none"> <li>Associated with D1.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.42 EMS Agency District</b>	<p>The district the agency formally provides services to.</p> <p><b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[multiple choice combo]</p> <ul style="list-style-type: none"> <li>Associated with D1.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.5 Primary Type of Service</b> <p><b>Possible Reports:</b></p> <ul style="list-style-type: none"> <li><a href="#">Important for grouping or comparing EMS Agencies</a></li> </ul>	<p>The primary service type provided by the agency</p> <p><b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[single choice combo]</p> <p>5610: 911 Response (Scene) with Transport Capability  5620: 911 Response (Scene) without Transport Capability  5630: Air Medical  5640: Hazmat  5650: Medical Transport (Convalescent)  5660: Paramedic Intercept  5670: Rescue  5680: Specialty Care Transport</p> <ul style="list-style-type: none"> <li>Associated with D1.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.6 Other Types of Service</b> <p><b>Possible Reports:</b></p> <ul style="list-style-type: none"> <li><a href="#">Important for grouping or comparing EMS Agencies</a></li> <li><a href="#">Provides descriptive data on EMS agencies capabilities across the nation</a></li> </ul>	<p>The other service type(s) which are provided by the agency.</p> <p><b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[multiple choice combo]</p> <p>5690: 911 Response (Scene) with Transport Capability  5700: 911 Response (Scene) without Transport Capability  5710: Air Medical  5720: Hazmat  5730: Medical Transport (Convalescent)  5740: Paramedic Intercept  5750: Rescue</p>



NDB	Data Element Name	Definition	Values
			<b>5760: Specialty Care Transport</b> <ul style="list-style-type: none"> <li>Associated with D1.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.7 Level of Service</b>	<p>The highest credentialed personnel's level of service which the agency provides for every EMS encounter if requested. In a tiered response system, this is the highest level of service which could be sent to any specific call.</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[single choice combo]</p> <p><b>5770: EMT Basic</b>  <b>5780: EMT Intermediate</b>  <b>5790: EMT Paramedic</b>  <b>5800: First Responder</b></p> <ul style="list-style-type: none"> <li>This list can be edited by each state to account for additional certification/licensure level by adding as listed levels as listed in State Certification/Licensure Levels (D4.1). State Certification/Licensure levels (D4.1) should create the list for this item.</li> <li>Associated with D1.1</li> <li>Nullable=See D0</li> </ul> <p><b>Related Datasets</b>  <u>NHTSA 1.0 Essential Element 29, 30, Desirable 31</u></p> <ul style="list-style-type: none"> <li>Title: Crew Member Type</li> <li>Pick-List: 1-First Responder, 2- EMT Basic, 3-EMT Intermediate, 4-EMT Paramedic, 5-Nurse, 6-Physician, 7-Other Health Care Professional, 8-None of the Above, 9-Unknown</li> </ul> <p><b>1.3 NFIRS 5.0: EMS Module</b></p> <ul style="list-style-type: none"> <li>Title: Initial Level of FD Provider</li> <li>Pick-List: First Responder = 1, EMT-B (Basic) = 2, EMT-I (Intermediate) = 3, EMT-P (Paramedic) = 4, Other Health Care Provider, Includes Doctors, Nurses, etc. = O, No Training = N</li> </ul> <p><b>1.4 NFIRS 5.0: EMS Module</b></p> <ul style="list-style-type: none"> <li>Title: Highest Level of Provider on Scene by the Fire Department</li> <li>Pick-List: First Responder = 1, EMT-B (Basic) = 2, EMT-I (Intermediate) = 3, EMT-P (Paramedic) = 4, Other Health Care Provider, Includes Doctors, Nurses, etc. = O, No Care Provided = N</li> </ul>
<input type="checkbox"/>	<b>D1.8 Organizational Type</b>	<p>The organizational structure from which EMS services are delivered (fire, hospital, county, etc.)</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when</p>	<p>[single choice combo]</p> <p><b>5810: Community, Non-Profit</b>  <b>5820: Fire Department</b>  <b>5830: Governmental, Non-Fire</b>  <b>5840: Hospital</b>  <b>5850: Private, Non Hospital</b>  <b>5860: Tribal</b></p>

NDB	Data Element Name	Definition	Values
		changed.	<ul style="list-style-type: none"> <li>Associated with D1.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.9 Organization Status</b>	<p>The primary organizational status of the agency. The definition of Volunteer or Non-Volunteer is based on state or local terms.</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[single choice combo]</p> <p><b>5870: Mixed</b> <b>5880: Non-Volunteer</b> <b>5890: Volunteer</b></p> <ul style="list-style-type: none"> <li>Associated with D1.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.10 Statistical Year</b>  <u>Possible Reports or Data element Use:</u> <a href="#">Important to create a list box for Other EMS Agencies at Scene (E8.1).</a>	<p>The year that the data pertains to.</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[date/time]</p> <ul style="list-style-type: none"> <li>Multiple entry configuration to allow statistical data to be entered yearly.</li> <li>Used to identify the year the data pertains to.</li> <li>Associated with D1.11 through D1.18</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.11 Other Agencies in Area</b>  <u>Possible Reports or Data element Use:</u> <ul style="list-style-type: none"> <li><a href="#">Important to create a list box for Other EMS Agencies at Scene (E8.1).</a></li> </ul>	<p>All other EMS or First Responder Agencies, which are in the service area or are available for mutual aid.</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[multiple entry text]</p> <ul style="list-style-type: none"> <li>Can be used to create a list box for Other EMS Agencies at Scene (E8.1).</li> <li>Associated with D1.10</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.12 Total Service Area Size</b>	<p>The total square miles in the agency's service area.</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[number]</p> <ul style="list-style-type: none"> <li>Associated with D1.10</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.13 Total Service Area Population</b>	<p>The total population in the agency's service area based if possible on year 2000 census data</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[number]</p> <ul style="list-style-type: none"> <li>Associated with D1.10</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D1.14 911 Call Volume/Year</b>	<p>The number of 911 EMS calls per year based on last</p>	<p>[number]</p>

NDB	Data Element Name	Definition	Values
		calendar year.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<ul style="list-style-type: none"> <li>Associated with D1.10</li> </ul> Nullable=See D0
<input type="checkbox"/>	<b>D1.15 EMS Dispatch Volume/ Year</b>	The number of EMS dispatches per year based on last calendar year.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[number]  <ul style="list-style-type: none"> <li>Associated with D1.10</li> </ul> Nullable=See D0
<input type="checkbox"/>	<b>D1.16 EMS Transport Volume/Year</b>	The number of EMS transports per year based on last calendar year.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[number]  <ul style="list-style-type: none"> <li>Associated with D1.10</li> </ul> Nullable=See D0
<input type="checkbox"/>	<b>D1.17 EMS Patient Contact Volume/Year</b>	The number of EMS patient contacts per year based on last calendar year.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[number]  <ul style="list-style-type: none"> <li>Associated with D1.10</li> </ul> Nullable=See D0
<input type="checkbox"/>	<b>D1.18 EMS Billable Calls/ Year</b>  <u>Reports Possible:</u> <a href="#">Allows EMS data to be sorted by an EMS agencies EMS Billable Calls/Year</a> <a href="#">Provides descriptive data on EMS agencies</a>	The number of EMS patient encounters which are billable based on the last calendar year  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[number]  <ul style="list-style-type: none"> <li>Associated with D1.10</li> </ul> Nullable=See D0
<input type="checkbox"/>	<b>D1.19 EMS Agency Time Zone</b>  <u>Reports Possible:</u> <a href="#">Allows EMS data to be tracked in comparison to other systems and times to better correlate in any analysis.</a>	The time zone for the EMS Agency.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[text]  <b>5900:</b> GMT-11:00 Midway Island, Somoa <b>5910:</b> GMT-10:00 Hawaii <b>5920:</b> GMT-9:00 Alaska <b>5930:</b> GMT-8:00 Pacific Time <b>5940:</b> GMT-7:00 Mountain Time <b>5950:</b> GMT-6:00 Central Time <b>5960:</b> GMT-5:00 Eastern Time

NDB	Data Element Name	Definition	Values
			<b>5970: GMT-4:00 Atlantic Time</b>  <b>Nullable=See D0</b>
<input type="checkbox"/>	<b>D1.20 EMS Agency Daylight Savings Time Use</b>  <u>Reports Possible:</u> <a href="#">Allows EMS data to be tracked in comparison to other systems and times to better correlate in any analysis.</a>	Indicate if the EMS Agency conforms to Daylight Savings Time.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[text]</b>  <b>0: No</b> <b>1: Yes</b>  <b>Nullable=See D0</b>
<b>Section D2: Agency-Contact Information</b>			
<input type="checkbox"/>	<b>D2.1 Agency Contact Last Name</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Agency Contact Information/Address</a>	The Last Name of the agency's primary contact  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[text]</b>  <ul style="list-style-type: none"> <li>Associated with D2.2 and D2.3</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D2.2 Agency Contact Middle Name/Initial</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Agency Contact Information/Address</a>	The Middle Name or Initial of the agency's primary contact.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[text]</b>  <ul style="list-style-type: none"> <li>Associated with D2.1 and D2.3</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D2.3 Agency Contact First Name</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Agency Contact Information/Address</a>	The First Name of the agency's primary contact.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[text]</b>  <ul style="list-style-type: none"> <li>Associated with D2.1 and D2.2</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D2.4 Agency Contact Address</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Agency Contact Information/Address</a>	The street or mailing address of the Agency contact.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when	<b>[text]</b>  <ul style="list-style-type: none"> <li>Nullable=See D0</li> </ul>

NDB	Data Element Name	Definition	Values
		changed.	
<input type="checkbox"/>	<b>D2.5 Agency Contact City</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Agency Contact Information/Address</a>	The city of the Agency contact's mailing address.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>single choice combo</b> ]  <ul style="list-style-type: none"> <li>• Could be filled in from Zip Code entry (D2.7)</li> <li>• 5 digit FIPS code</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D2.6 Agency Contact State</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Agency Contact Information/Address</a>	The state of the Agency contact's mailing address.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>single choice combo</b> ]  <ul style="list-style-type: none"> <li>• Could be filled in from Zip Code entry (D2.7)</li> <li>• 5 digit FIPS code</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D2.7 Agency Contact ZIP Code</b>	The ZIP code of the Agency contact's mailing address.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>• Can be a 5 or 9 digit Zip Code</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D2.8 Agency Contact Phone Number</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Agency Contact Information/Address</a>	The primary phone number of the Agency contact.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>• 10 digit telephone number</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D2.9 Agency Contact Fax Number</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Agency Contact Information/Address</a>	The primary fax number of the Agency contact.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  10 digit telephone number Nullable=See D0
<input type="checkbox"/>	<b>D2.10 Agency Contact Email Address</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Agency Contact Information/Address</a>	The primary email address of the Agency contact.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>• Nullable=See D0</li> </ul>

NDB	Data Element Name	Definition	Values
		updated yearly or when changed.	
<input type="checkbox"/>	<b>D2.11 Website Address</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Agency Contact Information/Address</a>	The primary website address of the agency.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  • <b>Nullable=See D0</b>
<b>Section D3: Agency-Medical Director Information</b>			
<input type="checkbox"/>	<b>D3.1 Agency Medical Director's Last Name</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Medical Director's Contact Information/Address</a>	The Last Name of the Agency's Medical Director.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <b>Associated with D3.2 and D3.3</b> <b>Nullable=See D0</b>
<input type="checkbox"/>	<b>D3.2 Agency Medical Director's Middle Name/Initial</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Medical Director's Contact Information/Address</a>	The Middle Name or Initial of the Agency's Medical Director.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  • <b>Associated with D3.1 and D3.3</b> • <b>Nullable=See D0</b>
<input type="checkbox"/>	<b>D3.3 Agency Medical Director's First Name</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Medical Director's Contact Information/Address</a>	The First Name of the Agency's Medical Director.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <b>Associated with D3.1 and D3.2</b> <b>Nullable=See D0</b>
<input type="checkbox"/>	<b>D3.4 Agency Medical Director Address</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Medical Director's Contact Information/Address</a>	The street or mailing address of the Agency's medical director.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <b>Nullable=See D0</b>

NDB	Data Element Name	Definition	Values
<input type="checkbox"/>	<b>D3.5 Agency Medical Director City</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Medical Director's Contact Information/ Address</a>	The city of the Agency medical director's mailing address.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>single choice combo</b> ]  <ul style="list-style-type: none"> <li>• Could be filled in from Zip Code entry (D3.7)</li> <li>• 5 digit FIPS code</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D3.6 Agency Medical Director State</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Medical Director's Contact Information/ Address</a>	The state of the Agency medical director's mailing address.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>single choice combo</b> ]  <ul style="list-style-type: none"> <li>• Could be filled in from Zip Code entry (D3.7)</li> <li>• 2 digit FIPS Code</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D3.7 Agency Medical Director ZIP Code</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Medical Director's Contact Information/ Address</a>	The ZIP code of the Agency medical director's mailing address.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>• Can be a 5 or 9 digit Zip Code</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D3.8 Agency Medical Director Phone Number</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Medical Director's Contact Information/ Address</a>	The primary phone number of the Agency's medical director.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>• 10 digit telephone number</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D3.9 Agency Medical Director Fax Number</b>  <u>Possible Reports:</u> <a href="#">Component of the EMS Medical Director's Contact Information/ Address</a>	The primary fax number of the Agency's medical director.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>• 10 digit telephone number</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D3.10 Agency Medical Director's Medical</b>	The primary medical specialty of the Agency	[ <b>single choice combo</b> ]



NDB	Data Element Name	Definition	Values
	<b>Specialty</b>  <b>Possible Reports:</b> <a href="#">Provides descriptive data on the Medical Direction of EMS Agencies</a>	Medical Director  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>5980: Anesthesiology</b> <b>5990: Cardiology</b> <b>6000: Emergency Medicine</b> <b>6010: Family Practice</b> <b>6020: General Practice (not board certified)</b> <b>6030: Internal Medicine</b> <b>6040: Obstetrics and Gynecology</b> <b>6050: Orthopedics</b> <b>6060: Other</b> <b>6070: Pediatrics</b> <b>6080: Surgery</b>  • Nullable=See D0
<input type="checkbox"/>	<b>D3.11 Agency Medical Director Email Address</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Medical Director's Contact Information/ Address</a>	The primary email address of the Agency's medical director.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  • Nullable=See D0
<b>Section D4: Agency-Configuration Information</b>			
<input type="checkbox"/>	<b>D4.1 State Certification/ Licensure Levels</b>  <b>Possible Reports or Data element:</b> <a href="#">Allows EMS data to be sorted by an EMS agency's credentialing levels.</a> <a href="#">Provides descriptive data on EMS agencies based on credentialing levels recognized by the state.</a> <a href="#">Provides descriptive data on EMS personnel categories. Important for the creation of D1.7, E4.3, D6.4, D7.4, and D8.14 list boxes.</a>	All of the potential levels of certification/licensure for EMS personnel recognized by the state.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>multiple choice combo</b> ]  <b>6090: EMT-Basic</b> <b>6100: EMT-Intermediate</b> <b>6110: EMT-Paramedic</b> <b>6120: First Responder</b>  • Other levels should be entered here as per state rules and regulations • Multiple entry configuration to create a list box for Level of Service (D1.7), Crew Member Level (E4.3), Personnel Level of Vehicle Crew (D6.4), Personnel's Highest Level of Certification/Licensure for Agency (D7.5), and State EMS Certification/Licensure Level (D8.15) • Nullable=See D0
<input type="checkbox"/>	<b>D4.2 Date of Certification</b>	The year that the certification was obtained.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>date/time</b> ]  • Used to identify the year of the certification. • Associated with D4.1 • Nullable=See D0
<input type="checkbox"/>	<b>D4.3 Zones</b>	The geographic zones used by an agency to divide the	[ <b>text</b> ]

NDB	Data Element Name	Definition	Values
	<u>Possible Reports or Data element Use:</u> <a href="#">Important for the creation of E2.14, E8.9, E20.9, and D5.3 list boxes.</a>	service area into smaller geographic components  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<ul style="list-style-type: none"> <li>Multiple entry configuration to create a list box for Vehicle Dispatch Zone (E2.14), Scene Zone Number (E8.9), Destination Zone Number (E20.9), and Station Zone (D5.3)</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D4.4 Procedures</b>  <u>Possible Reports or Data element Use:</u> <a href="#">Used to create a list box for Procedure (E19.3)</a> <a href="#">Provides descriptive data on EMS Agency's capabilities.</a> <a href="#">Allows EMS data to be sorted by an EMS agency's Procedure capabilities.</a>	A list of all procedures the agency is approved to do  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[multiple choice combo]</b>  <b>6130: 12 Lead ECG</b> <b>6140: Airway-Bagged</b> <b>6150: Airway-Change Tracheostomy Tube</b> <b>6160: Airway-Cleared, Opened, or Heimlich</b> <b>6170: Airway-Combitube</b> <b>6180: Airway-CPAP</b> <b>6190: Airway-EOA/EGTA</b> <b>6200: Airway-Intubation Confirm CO2</b> <b>6210: Airway-Intubation Confirm Esophageal Bulb</b> <b>6220: Airway-Laryngeal Mask</b> <b>6230: Airway-Nasal</b> <b>6240: Airway-Nasotracheal Intubation</b> <b>6250: Airway-Nebulizer Treatment</b> <b>6260: Airway-Needle Cricothyrotomy</b> <b>6270: Airway-Oral</b> <b>6280: Airway-Orotracheal Intubation</b> <b>6290: Airway-PEEP</b> <b>6300: Airway-Rapid Sequence Induction</b> <b>6310: Airway-Respirator Operation</b> <b>6320: Airway-Suctioning</b> <b>6330: Airway-Surgical Cricothyrotomy</b> <b>6340: Airway-Ventilator</b> <b>6350: Arterial Access/Blood Draw</b> <b>6360: Arterial Line Maintenance</b> <b>6370: Blood Glucose Analysis</b> <b>6380: Capnography</b> <b>6390: Cardiac Monitor</b> <b>6400: Cardioversion</b> <b>6410: Carotid Massage</b> <b>6420: Chest Decompression</b> <b>6430: Childbirth</b> <b>6440: CNS Catheter-Epidural Maintenance</b> <b>6450: CNS Catheter-Intraventricular Maintenance</b> <b>6460: CPR</b> <b>6470: Defibrillation-Placement for Monitoring/Analysis</b> <b>6480: Defibrillation-Automated (AED)</b> <b>6490: Defibrillation-Manual</b> <b>6500: External Cardiac Pacing</b> <b>6510: Extrication</b> <b>6520: MAST</b> <b>6530: Nasogastric Tube</b> <b>6540: None</b> <b>6550: Rescue</b> <b>6560: Restraints-Pharmacological</b>

NDB	Data Element Name	Definition	Values
			<p> 6570: Restraints-Physical  6580: Spinal Immobilization  6590: Splinting  6600: Splinting-Traction  6610: Urinary Catheterization  6620: Venous Access-Blood Draw  6630: Venous Access-Existing Catheter  6640: Venous Access-Extremity  6650: Venous Access-External Jugular Line  6660: Venous Access-Femoral Line  6670: Venous Access-Intraosseous Adult  6680: Venous Access-Intraosseous Pediatric  6690: Venous Access-Maintain Central Line  6700: Venous Access-Swan Ganz Maintain  6710: Wound Care </p> <p> Used to create a list box for Procedure (E19.3)  If local systems have procedures which are not listed in the current values, additional procedures may be added using codes beginning with 10,000 and extending up to 11,000. This will allow expansion of the list to formally add new procedures over time. </p> <ul style="list-style-type: none"> <li>• Nullable=See D0</li> </ul> <p> <b>Related Datasets</b>  <u>NHTSA 1.0 Desirable Element 58, and Essential Elements 63 and 78</u> </p> <ul style="list-style-type: none"> <li>• Title: Time of First CPR (58), Time of First Defibrillatory Shock (63), and Procedure or Treatment Name (78)</li> <li>• [Element 58] is obtained from documentation of CPR as a Procedure with its associated time</li> <li>• [Element 63] is obtained from the documentation of defibrillation as a procedure with its associated time</li> <li>• [Element 78] 96.70-Assisted ventilation (positive pressure), 93.59-Backboard, 39.98-Bleeding controlled, 93.57-Burn care, 99.60-Cardiopulmonary resuscitation, 93.52-Cervical immobilization, 31.10-Cricothyrotomy, 89.51-ECG monitoring, 96.04-Endotracheal intubation, 99.63-External cardiac massage, 99.62-External defibrillation (includes auto), 38.93-Intravenous catheter, 41.92-Intraosseous catheter, 99.29-Intravenous fluids, 93.58-MAST (military anti-shock trousers), 96.01-Nasopharyngeal airway insertion, 96.05-Nasogastric tube insertion, 73.59-Obstetrical care (delivery), 96.02-Oropharyngeal airway insertion, 93.96-Oxygen by mask, 93.96-Oxygen by cannula, 93.54-Splint of extremity, 93.54-</li> </ul>

NDB	Data Element Name	Definition	Values
			<p>Traction splint</p> <ul style="list-style-type: none"> <li>○ <u>NFIRS 5.0: EMS Module</u></li> <li>• Title: Procedures Used</li> <li>• Multiple Select Pick-List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instructions = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN</li> </ul>
<input type="checkbox"/>	<b>D4.5 Date Procedure Added</b>	<p>The year that the Procedure was in use.</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[date/time]</p> <ul style="list-style-type: none"> <li>• Used to identify the year the procedure was in use.</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D4.6 Medications</b>  <u>Possible Reports or Data element Use:</u> <a href="#">Could be used to create a list box for Medication Given (E18.3)</a> <a href="#">Provides descriptive data on EMS Agency's capabilities.</a> <a href="#">Allows EMS data to be sorted by an EMS agency's Medication capabilities.</a>	<p>A list of all Medications the agency is approved to give</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[multiple choice combo]</p> <ul style="list-style-type: none"> <li>• The Drug List may contain any generic or trade name of a drug approved by the FDA and administered by EMS.</li> <li>• At this time a national drug index or coding scheme, which would allow for a single code to be assigned to a single drug, does not exist.</li> <li>• Used to create a list box for Medication Given (E18.3) and Prior Aid (E9.1)</li> <li>• Nullable=See D0</li> </ul> <p><b>Related Datasets</b>  <u>NHTSA 1.0 Essential Element 80</u> <ul style="list-style-type: none"> <li>• Title: Medication Name</li> <li>• Acetaminophen, Ipecac, Adenosine, Isoproterenol, Albuterol, Lidocaine, Amyl nitrate, Lorazepam, Aspirin, Magnesium sulfate, Atropine, Mannitol, Bretylium tosylate, Meperidine, Bumetanide, Metaproterenol, Calcium chloride, Methylprednisolone, Calcium Gluconate, Metoclopramide, Charcoal, Morphine, Dexamethasone, Naloxone, Dextrose and water (50%), Nifedipine, Diazepam, Nitroglycerin, Diphenhydramine,</li> </ul> </p>

NDB	Data Element Name	Definition	Values
			<p>Procainamide, Dopamine, Sodium bicarbonate, Epinephrine, Succinylcholine, Furosemide, Terbutaline, Glucagon, Thiamine, Heparin, Verapamil</p> <ul style="list-style-type: none"> <li>○ <u>NFIRS 5.0: EMS Module</u></li> <li>• Title: Procedures Used</li> <li>• Multiple Select Pick-List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instructions = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN</li> </ul>
<input type="checkbox"/>	<b>D4.7 Date Medication Added</b>	<p>The year that the Medication was in use.</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[date/time]</p> <ul style="list-style-type: none"> <li>• Used to identify the year the medication was in use.</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<p><b>D4.8 Protocols</b></p> <p><u>Possible Reports or Data element Use:</u></p> <p><a href="#">Could be used to create a list box for Protocols Used (E17.1)</a>  <a href="#">Provides descriptive data on EMS Agency's capabilities.</a>  <a href="#">Allows EMS data to be sorted by an EMS agency's Protocols.</a></p>	<p>A list of all the medical treatment protocols the agency is approved to use</p> <p><u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[multiple choice combo]</p> <p>6720: Abdominal Pain  6730: Airway, Adult  6740: Airway, Adult-Failed  6750: Airway, Pediatric  6760: Airway, RSI  6770: Allergic Reaction  6780: Altered Mental Status  6790: Asystole  6800: Back Pain  6810: Behavioral  6820: Bites and Envenomations  6830: Bradycardia  6840: Burns  6850: Cardiac Arrest  6860: Chest Pain / Suspected Cardiac Event  6870: Childbirth / Labor  6880: Dental Problems  6890: Drowning / Near Drowning  6900: Electrical Injuries  6910: Epistaxis  6920: Extremity Trauma  6930: Fever</p>

NDB	Data Element Name	Definition	Values
			6940: Head Trauma 6950: Hypertension 6960: Hyperthermia 6970: Hypotension / Shock (Non-Trauma) 6980: Hypothermia 6990: IV Access 7000: Multiple Trauma 7010: Newly Born 7020: Obstetrical Emergencies 7030: Overdose / Toxic Ingestion 7040: Pain Control 7050: Pediatric Bradycardia 7060: Pediatric Head Trauma 7070: Pediatric Hypotension 7080: Pediatric Multiple Trauma 7090: Pediatric Pulseless Arrest 7100: Pediatric Respiratory Distress 7110: Pediatric Seizure 7120: Pediatric Supraventricular Tachycardia 7130: Post Resuscitation 7140: Pulmonary Edema 7150: Pulseless Electrical Activity (PEA) 7160: Respiratory Distress 7170: Seizure 7180: Spinal Immobilization Clearance 7190: Supraventricular Tachycardia 7200: Suspected Stroke 7210: Syncope 7220: Universal Patient Care Protocol 7230: Ventricular Fibrillation / Pulseless V-Tach 7240: Ventricular Tachycardia 7250: Vomiting and Diarrhea 7260: Other <ul style="list-style-type: none"> <li>Used to create a list box for Protocols Used (E17.1)</li> <li>If local systems have protocols which are not listed in the current values, additional protocols may be added using codes beginning with 11,000 and extending up to 12,000. This will allow expansion of the list to formally add new procedures over time. Please map all existing protocols to these coded protocol subjects as much as possible.</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D4.9 Date Protocol Added</b>	The year that the Protocol was in use.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[date/time] <ul style="list-style-type: none"> <li>Used to identify the year the protocol was in use.</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D4.10 Billing Status</b>	Indication of whether the	[single choice combo]



NDB	Data Element Name	Definition	Values
	<p><b>Possible Reports:</b></p> <p><a href="#">Provides descriptive data on EMS Agency's Billing Status.</a></p> <p><a href="#">Allows EMS data to be sorted by an EMS agency's Billing Status.</a></p>	<p>EMS agency routinely bills for any segment of the patient population</p> <p><b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p><b>0: No</b> <b>1: Yes</b></p> <ul style="list-style-type: none"> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<p><b>D4.11 Hospitals Served</b></p> <p><b>Possible Reports or Data element Use:</b></p> <p><a href="#">Could be used to create a list box (along with D4.9) for Destination/Transferred to (E20.1) and Vehicle Dispatch Location (E2.13)</a></p>	<p>A list of all the hospitals the agency transports to or from.</p> <p><b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[text]</p> <ul style="list-style-type: none"> <li>• <b>Multiple entry configuration used to create a list box for Destination/Transferred to (E20.1) and Vehicle Dispatch Location (E2.13)</b></li> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<p><b>D4.12 Hospital Facility Number</b></p> <p><b>Possible Reports or Data element Use:</b></p> <p><a href="#">Could be used to create a list box (along with D4.10) for Incident Facility Code (E8.8) and Destination Transferred to Code (E20.2)</a></p>	<p>The state assigned licensure number (code) for each Hospital Served (D4.6).</p> <p><b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[text]</p> <ul style="list-style-type: none"> <li>• <b>Associated with D4.6</b></li> <li>• <b>Multiple entry configuration to create a list box for Incident Facility Code (E8.8) and Destination Transferred to Code (E20.2)</b></li> <li>• <b>This field could also provide linkage to D4.11 which would allow a list box of Hospital Names to be used instead of entering the Code directly.</b></li> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<p><b>D4.13 Other Destinations</b></p> <p><b>Possible Reports or Data element Use:</b></p> <p><a href="#">Could be used to create a list box (along with D4.7) for Destination/Transferred to (E20.1) and Vehicle Dispatch Location (E2.13)</a></p>	<p>A list of all destinations other than hospitals which an agency transports to or from.</p> <p><b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[text]</p> <ul style="list-style-type: none"> <li>• <b>Multiple entry configuration used to create a list box for Destination/Transferred to (E20.1) and Vehicle Dispatch Location (E2.13)</b></li> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<p><b>D4.14 Destination Facility Number</b></p> <p><b>Possible Reports or Data element Use:</b></p> <p><a href="#">Could be used to create a list box (along with D4.8) for Incident Facility Code (E8.8) and Destination Transferred to Code (E20.2)</a></p>	<p>The state assigned licensure number (code) for each Other Destination (D4.8).</p> <p><b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<p>[text]</p> <ul style="list-style-type: none"> <li>• <b>Associated with D4.8</b></li> <li>• <b>Multiple entry configuration to create a list box for Incident Facility Code (E8.8) and Destination Transferred to Code (E20.2)</b></li> <li>• <b>This field could also provide linkage to D4.13 which would allow a list box of Other Destination Names to be used instead of entering the Code directly.</b></li> <li>• <b>Nullable=See D0</b></li> </ul>



NDB	Data Element Name	Definition	Values
<input type="checkbox"/>	<b>D4.15 Destination Type</b>  <u>Possible Reports or Data Element Use:</u> <a href="#">Provides descriptive data on EMS Agency's Destination Types.</a> <a href="#">Allows EMS data to be sorted by an EMS Agency's Destination Type.</a> <a href="#">Provides a component of a list box associated with Other Destinations (D4.9)</a>	The type of facility associated with the Other Destination (D4.8).  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>single choice combo</b> ]  <b>7270: Home</b> <b>7280: Hospital</b> <b>7290: Medical Office/Clinic</b> <b>7300: Morgue</b> <b>7320: Nursing Home</b> <b>7330: Other</b> <b>7340: Other EMS Responder (air)</b> <b>7350: Other EMS Responder (ground)</b> <b>7360: Police/Jail</b>  <ul style="list-style-type: none"> <li>Associated with D4.8</li> <li>Can be used to auto-fill Type of Destination (E20.17) based on Other Destination (D4.13 or Destination Facility Number (D4.14)</li> <li>Nullable=See D0</li> </ul> <b>Related Datasets</b> <b>NHTSA 1.0 Essential Element 44</b> <ul style="list-style-type: none"> <li>Title: Destination/Transferred To</li> <li>01=Home, 02-Police/Jail, 03-Medical Office/Clinic, 04-Other EMS Responder (ground), 05-Other EMS Responder (air), 06-Hospital, 07-Morgue, 88-Not Applicable</li> </ul>
<input type="checkbox"/>	<b>D4.16 Insurance Companies Used</b>  <u>Possible Reports or Data element Use:</u> <a href="#">Could be used to create a list box for Insurance Company Name (E7.3)</a>	A list of insurance companies which are prevalent in the Agencies service area.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <b>Multiple entry configuration to create a list box for Insurance Company Name (E7.3)</b> <ul style="list-style-type: none"> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D4.17 EMD Vendor</b>  <u>Possible Reports or Data element Use:</u> <a href="#">Identifies the type of EMD cards used so they may be used in Quality Management reports which compare EMS systems.</a>	The Vendor or Company associated with the EMD Card set and algorithms.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>Nullable=See D0</li> </ul>
<b>Section D5: Agency-Station Information</b>			
<input type="checkbox"/>	<b>D5.1 Station Name</b>  <u>Possible Reports or Data element Use:</u> <a href="#">Used to create a list box for</a>	Name of agency's station.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and	[ <b>text</b> ]  <b>Multiple Entry Configuration for D5.1 through D5.9</b> <b>Provides part of the list box for Vehicle Dispatch Location (E2.13)</b>

NDB	Data Element Name	Definition	Values
	<a href="#">Vehicle Dispatch Location (E2.13)</a> <a href="#">Allows EMS data to be sorted by an EMS Agency's Station Name.</a> <a href="#">Component of the EMS Agency's Station Address</a>	updated yearly or when changed.	<ul style="list-style-type: none"> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<b>D5.2 Station Number</b>  <b>Possible Reports:</b> <a href="#">Allows EMS data to be sorted by an EMS Agency's Station Number.</a>	ID number of agency's station.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>• <b>Associated with D5.1</b></li> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<b>D5.3 Station Zone</b>  <b>Possible Reports:</b> <a href="#">Allows EMS data to be sorted by an EMS Agency's Station Zone.</a>	The geographic zone or location of the agency's station  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <b>Associated with D5.1</b> <b>A list of geographic zones specific for each agency as defined in Zones (D4.3)</b> <ul style="list-style-type: none"> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<b>D5.4 Station GPS</b>  <b>Possible Reports:</b> <a href="#">Allows EMS data to be sorted by an EMS Agency's Station GPS.</a>	The GPS coordinate for the agency's station  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <b>Associated with D5.1</b> <b>Nullable=See D0</b>
<input type="checkbox"/>	<b>D5.5 Station Address</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Agency's Station Address</a>	Address of Agency's station.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>• <b>Associated with D5.1</b></li> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<b>D5.6 Station City</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Agency's Station Address</a>	City of Agency's station.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>single choice combo</b> ]  <ul style="list-style-type: none"> <li>• <b>Could be filled in from Station Zip Code entry (D5.8)</b></li> <li>• <b>5 digit FIPS code</b></li> <li>• <b>Associated with D5.1</b></li> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<b>D5.7 Station State</b>	State of Agency's station.	[ <b>single choice combo</b> ]

NDB	Data Element Name	Definition	Values
	<b>Possible Reports:</b> <a href="#">Component of the EMS Agency's Station Address</a>	<b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<ul style="list-style-type: none"> <li>• Could be filled in from Station Zip Code entry (D5.8)</li> <li>• 2 digit FIPS Code</li> <li>• Associated with D5.1</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D5.8 Station ZIP Code</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Agency's Station Address</a>	ZIP Code of Agency's station.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[text]  <ul style="list-style-type: none"> <li>• Associated with D5.1</li> <li>• Can be 5 or 9 digit Zip Code</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D5.9 Station Phone Number</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Agency's Station Address</a>	The telephone number of the Agency's station  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[text]  <ul style="list-style-type: none"> <li>• 10 digit telephone number</li> <li>• Associated with D5.1</li> <li>• Nullable=See D0</li> </ul>
<b>Section D6: Agency-Vehicle Information</b>			
<input type="checkbox"/>	<b>D6.1 Unit/Vehicle Number</b>  <b>Possible Reports or Data element Use:</b> <a href="#">Used to create a list box for Item E2.11.</a> <a href="#">Allows EMS data to be sorted by an EMS Agency's Unit Number.</a>	The unique ID number of unit which is specific for each vehicle  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[text]  <ul style="list-style-type: none"> <li>• Multiple Entry Configuration for D6.1 through D6.9</li> <li>• Used to create a list box for Item for EMS Unit/Vehicle Number (E2.11)</li> <li>• Nullable=See D0</li> </ul> <b>Related Datasets</b> <a href="#">NHTSA 1.0 Essential Element 24</a> <ul style="list-style-type: none"> <li>• Title: Agency/Unit Number</li> </ul>
<input type="checkbox"/>	<b>D6.2 Unit Call Sign</b>  <b>Possible Reports or Data element Use:</b> <a href="#">Used to create a list box for Item E2.12.</a> <a href="#">Allows EMS data to be sorted by an EMS Agency's Unit Call Sign.</a>	The EMS unit number used to dispatch and communicate with the unit. This may or may not be associated with a single vehicle (i.e. Medic 1 may be a response area covered by a different vehicle each day)  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[text]  <ul style="list-style-type: none"> <li>• <b>Used to create a list box for EMS Unit Call Sign (E2.12)</b></li> <li>• Associated with D6.1</li> <li>• Nullable=See D0</li> </ul>

NDB	Data Element Name	Definition	Values
<input type="checkbox"/>	<b>D6.3 Vehicle Type</b>  <u>Possible Reports:</u> <a href="#">Allows EMS data to be sorted by the Vehicle Type.</a>	Vehicle type of unit (ambulance, fire truck, etc.)  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[single choice combo]  <b>7370: Ambulance</b> <b>7380: ATV</b> <b>7390: Bicycle</b> <b>7400: Boat</b> <b>7410: Fire Truck</b> <b>7420: Fixed Wing</b> <b>7430: Motorcycle</b> <b>7440: Other</b> <b>7450: Private Vehicle</b> <b>7460: Quick Response Vehicle (Non Transport Vehicle other than a Fire Truck)</b> <b>7470: Rescue</b> <b>7480: Rotor Craft</b>  <ul style="list-style-type: none"> <li>Associated with D6.1</li> <li>Nullable=See D0</li> </ul> <u>Related Datasets</u> <b><u>NHTSA 1.0 Essential Element 25</u></b> <ul style="list-style-type: none"> <li>Title: Vehicle Type</li> <li>Pick-List: 1-Ground, 2-Rotor Craft, 3-Fixed Wing, 4-Other, 5-None</li> </ul>
<input type="checkbox"/>	<b>D6.4 Personnel Level of the Vehicle Crew</b>  <u>Possible Reports:</u> <a href="#">Allows EMS data to be grouped or compared by Vehicle Crew Configuration.</a> <a href="#">Allows EMS data to be sorted by an EMS Agency's Vehicle Crew Configuration.</a>	The personnel level of the vehicle crew.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[single choice combo]  Associated with D6.1 <b>Multiple Entry Configuration for D6.4 and D6.5</b> <b>A list box created from State Certification/Licensure Level (D4.1)</b> <ul style="list-style-type: none"> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D6.5 Number of Each Personnel Level on the Vehicle Crew</b>  <u>Possible Reports:</u> <a href="#">Allows EMS data to be grouped or compared by Vehicle Crew Configuration.</a> <a href="#">Allows EMS data to be sorted by an EMS Agency's Vehicle Crew Configuration.</a>	The number of each personnel level associated with the vehicle crew.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[number]  Associated with D6.4 <b>Multiple Entry Configuration for D6.4 and D6.5</b> <ul style="list-style-type: none"> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D6.6 Vehicle Initial Cost</b>  <u>Possible Reports:</u> <a href="#">Provides descriptive data on EMS agencies and resources.</a>	Initial costs of vehicles held by agency excluding all medical and other equipment not associated with the vehicle. <a href="#">This cost should be inclusive of all sources of funding including grants, donations, and any other capital.</a>	[number]  <ul style="list-style-type: none"> <li>Associated with D6.1</li> <li>Nullable=See D0</li> </ul>

NDB	Data Element Name	Definition	Values
		<b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	
<input type="checkbox"/>	<b>D6.7 Vehicle Model Year</b>  <b>Possible Reports:</b> <a href="#">Provides descriptive data on EMS agencies and resources.</a>	The year the vehicle was manufactured  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[number]</b> <ul style="list-style-type: none"> <li>• Year in YYYY format</li> <li>• Associated with D6.1</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D6.8 Year Miles/Hours Accrued</b>	The year that the hours/mileage was accrued in.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[date/time]</b> <ul style="list-style-type: none"> <li>• Multiple entry configuration to allow multiple years of data to be collected over time.</li> <li>• Used to identify the year in use.</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D6.9 Annual Vehicle Hours</b>  <b>Possible Reports:</b> <a href="#">Provides descriptive data on EMS agencies and resources.</a>	The number of hours the vehicle is in service for the agency per year.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[number]</b> <ul style="list-style-type: none"> <li>• Associated with D6.1</li> <li>• Associated with D6.8</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D6.10 Annual Vehicle Miles</b>  <b>Possible Reports:</b> <a href="#">Provides descriptive data on EMS agencies and resources.</a>	The number of miles the vehicle accumulates in service for the agency per year  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[number]</b> <ul style="list-style-type: none"> <li>• Associated with D6.1</li> <li>• Associated with D6.8</li> <li>• Nullable=See D0</li> </ul>
<b>Section D7: Agency-Personnel Information</b>			
<input type="checkbox"/>	<b>D7.1 Personnel's Agency ID Number</b>	Local agency ID number for personnel.	<b>[text]</b>  Could be used to create a list box for

NDB	Data Element Name	Definition	Values
	<b>Possible Reports or Data element Use:</b> <a href="#">Allows EMS data to be sorted or grouped by an Individual's local ID.</a>	<b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	Crew Member ID (E4.1) if linked with State/Licensure ID Number (D7.2) Associated with EMS Personnel's Last Name (D8.1) <ul style="list-style-type: none"> <li>• Nullable=See D0</li> </ul> <b>Related Datasets</b> <a href="#">NHTSA 1.0 Essential Element 26, 27, Desirable 28</a> <ul style="list-style-type: none"> <li>• Title: Crew Member Number</li> </ul>
<input type="checkbox"/>	<b>D7.2 State/Licensure ID Number</b>  <b>Possible Reports or Data element Use:</b> <a href="#">Allows EMS data to be sorted or grouped by an Individual's State ID.</a> <a href="#">Used to create a list box for Crew Member ID (E4.1), Medication Crew Member ID (E18.9), Procedure Crew Member ID (E19.9), and Who Generated this Report (D22.10)</a>	The state certification/icensure ID number assigned to the crew member.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[text] <ul style="list-style-type: none"> <li>• Used to create a list box for Crew Member ID (E4.1), Medication Crew Member ID (E18.9), Procedure Crew Member ID (E19.9), and Who Generated this Report (D23.10)</li> <li>• This could be used to configure a list box which will display all of the values of an EMS Personnel's Name recorded in D8.1 through D8.3</li> <li>• Associated with EMS Personnel's Name (D8.1)</li> <li>• Nullable=See D0</li> </ul> <b>Related Datasets</b> <a href="#">NHTSA 1.0 Essential Element 26, 27, Desirable 28</a> <ul style="list-style-type: none"> <li>• Title: Crew Member Number</li> </ul>
<input type="checkbox"/>	<b>D7.3 Personnel's Employment Status</b>  <b>Possible Reports:</b> <a href="#">Allows EMS data to be sorted or grouped by an Individual's Employment Status</a> <a href="#">Provides descriptive data on EMS agencies and resources.</a>	Personnel's Employment Status for this Agency.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[single choice combo]  <b>7490: Full Time Paid Employee</b> <b>7500: Full Time Unpaid Employee</b> <b>7510: Part Time Paid and Part Time Unpaid Employee</b> <b>7520: Part Time Paid Employee</b> <b>7530: Part Time Unpaid Employee</b> <ul style="list-style-type: none"> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D7.4 Employment Status Date</b>	The date that the Employee status was assigned.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[date/time] <ul style="list-style-type: none"> <li>• Used to identify the effective date of the status</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D7.5 Personnel's Highest Level of Certification /Licensure for Agency</b>  <b>Possible Reports:</b>	Personnel's highest level of certification in this agency.  <b>Collected by:</b> The EMS Agency and typically only documented	[single choice combo]  <b>7540: EMT Basic</b> <b>7550: EMT Intermediate</b> <b>7560: EMT Paramedic</b> <b>7570: First Responder</b>

NDB	Data Element Name	Definition	Values
	<a href="#">Allows EMS data to be sorted or grouped by an Individual's Credentialed Level.</a> <a href="#">Provides descriptive data on EMS agencies and resources.</a>	once and verified and updated yearly or when changed.	<b>Other variables as defined in State Certification/ Licensure Level (D4.1)</b> <b>Associated with D7.2</b> <b>Nullable=See D0</b>
<input type="checkbox"/>	<b>D7.6 Date of Certification Or Licensure</b>	The year that the Certification/Licensure was achieved.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[date/time]  <ul style="list-style-type: none"> <li>Used to identify the year the Certification was in achieved.</li> <li>Nullable=See D0</li> </ul>
<b>Section D8: General Personnel Information</b>			
<input type="checkbox"/>	<b>D8.1 EMS Personnel's Last Name</b>  <u>Possible Reports:</u> <a href="#">Used to personalize reports associated with the EMS Personnel.</a> <a href="#">Component of the EMS Personnel's Contact Information/ Address</a>	Last Name of Personnel.  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[text]  <ul style="list-style-type: none"> <li>Associated with D8.2 and D8.3</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.2 EMS Personnel's Middle Initial/Name</b>  <u>Possible Reports:</u> <a href="#">Used to personalize reports associated with the EMS Personnel.</a> <a href="#">Component of the EMS Personnel's Contact Information/ Address</a>	Middle Name or Initial of Personnel  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[text]  <ul style="list-style-type: none"> <li>Associated with D8.1 and D8.3</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.3 EMS Personnel's First Name</b>  <u>Possible Reports:</u> <a href="#">Used to personalize reports associated with the EMS Personnel.</a> <a href="#">Component of the EMS Personnel's Contact Information/ Address</a>	First Name of Personnel  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[text]  <ul style="list-style-type: none"> <li>Associated with D8.1 and D8.2</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.4 EMS Personnel's Mailing Address</b>  <u>Possible Reports:</u>	Street or PO Box of the personnel's mailing address.	[text]  <ul style="list-style-type: none"> <li>Associated with D8.1</li> <li>Nullable=See D0</li> </ul>



NDB	Data Element Name	Definition	Values
	<a href="#">Component of the EMS Personnel's Contact Information/ Address</a>	<b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	
<input type="checkbox"/>	<b>D8.5 EMS Personnel's City of Residence</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Personnel's Contact Information/ Address</a>	City of personnel's mailing address.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[single choice combo]</b> <ul style="list-style-type: none"> <li>• Could be filled in from EMS Personnel's Zip Code entry (D8.7)</li> <li>• Associated with D8.1</li> <li>• 5 digit FIPS code</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.6 EMS Personnel's State</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Personnel's Contact Information/ Address</a>	State of personnel's mailing address.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[single choice combo]</b> <ul style="list-style-type: none"> <li>• Could be filled in from EMS Personnel's Zip Code entry (D8.7)</li> <li>• Associated with D8.1</li> <li>• 5 digit FIPS code</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.7 EMS Personnel's ZIP Code</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Personnel's Contact Information/ Address</a>	ZIP code of personnel's mailing address.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[text]</b> <ul style="list-style-type: none"> <li>• Can be a 5 or 9 digit Zip Code</li> <li>• Associated with D8.1</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.8 EMS Personnel's Work Phone</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Personnel's Contact Information/ Address</a>	Work Phone of the Personnel  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[text]</b> <ul style="list-style-type: none"> <li>• 10 digit telephone number</li> <li>• Associated with D8.1</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.9 EMS Personnel's Home Phone</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Personnel's Contact Information/ Address</a>	Home phone of the Personnel  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[text]</b> <ul style="list-style-type: none"> <li>• 10 digit telephone number</li> <li>• Associated with D8.1</li> <li>• Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.10 EMS Personnel's</b>	Primary email address of	<b>[text]</b>

NDB	Data Element Name	Definition	Values
	<b>Email Address</b>  <b>Possible Reports:</b> <a href="#">Component of the EMS Personnel's Contact Information/ Address</a>	the Personnel  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<ul style="list-style-type: none"> <li>Associated with D8.1</li> <li>Nullable=See D0</li> </ul>
	<b>D8.11 Date of Birth</b>  <b>Reports Possible:</b> <ul style="list-style-type: none"> <li><a href="#">Allows the EMS workforce to be described in terms of Age.</a></li> </ul>	The EMS Personnel's Date of Birth  <b>Collected by:</b> The EMS Agency and typically only documented once and verified yearly.	[ <b>date</b> ]  <ul style="list-style-type: none"> <li>Associated with D8.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.12 Gender</b>  <b>Reports Possible:</b> <ul style="list-style-type: none"> <li><a href="#">Allows the EMS workforce to be described in terms of Gender.</a></li> </ul>	The EMS Personnel's gender  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>single choice combo</b> ]  <b>650: Male</b> <b>655: Female</b>  <ul style="list-style-type: none"> <li>Associated with D8.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.13 Race</b>  <b>Reports Possible:</b> <ul style="list-style-type: none"> <li><a href="#">Allows the EMS workforce to be described in terms of Race.</a></li> </ul>	The EMS Personnel's race as defined by the OMB (US Office of Management and Budget)  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>single choice combo</b> ]  <b>660: American Indian or Alaska Native</b> <b>665: Asian</b> <b>670: Black or African American</b> <b>675: Native Hawaiian or Other Pacific Islander</b> <b>680: White</b> <b>685: Other Race</b>  <ul style="list-style-type: none"> <li>Associated with D8.1</li> <li>Nullable=See D0</li> </ul>
	<b>D8.14 Ethnicity</b>  <b>Reports Possible:</b> <ul style="list-style-type: none"> <li><a href="#">Allows the EMS workforce to be described in terms of Ethnicity.</a></li> </ul>	The EMS Personnel's ethnicity as defined by the OMB (US Office of Management and Budget)  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>single choice combo</b> ]  <b>690: Hispanic or Latino</b> <b>695: Not Hispanic or Latino</b>  <ul style="list-style-type: none"> <li>Associated with D8.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D8.15 State EMS Certification/ Licensure Level</b>  <b>Possible Reports:</b> <a href="#">Allows EMS data to be sorted or</a>	The Personnel's State EMS Certification level.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and	[ <b>single choice combo</b> ]  <b>7580: EMT Basic</b> <b>7590: EMT Intermediate</b> <b>7600: EMT Paramedic</b> <b>7610: First Responder</b>

NDB	Data Element Name	Definition	Values
	<a href="#">grouped by an Individual's Credentialed Level.</a> <a href="#">Provides descriptive data on EMS Personnel.</a>	updated yearly or when changed.	<b>Other variables as defined in State Certification/ Licensure Level (D4.1)</b> <b>Associated with D8.1</b> <b>Nullable=See D0</b>
<input type="checkbox"/>	<b>D8.16 National Registry Credentialed</b>  <b>Possible Reports:</b> <a href="#">Provides descriptive data on EMS Personnel.</a> <a href="#">Allows a report at the EMS Agency level to determine credential details on EMS</a>	Indication of National Registry Credential for the level of Certification/Licensure in D78  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[single choice combo]</b>  <b>0: No</b> <b>1: Yes</b>  <b>Associated with D8.1</b> <b>Nullable=See D0</b>
<input type="checkbox"/>	<b>D8.17 State EMS Current Certification Date</b>  <b>Possible Reports:</b> <a href="#">Provides descriptive data on EMS Personnel.</a> <a href="#">Allows a report at the EMS Agency level to determine credential details on EMS Personnel.</a>	The Current certification date of the personnel's current certification.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[date/time]</b>  <ul style="list-style-type: none"> <li>• <b>Format: MMDDYYYY</b></li> <li>• <b>Associated with D8.1</b></li> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<b>D8.18 The Initial State Certification Date</b>  <b>Possible Reports:</b> <a href="#">Provides descriptive data on EMS Personnel.</a> <a href="#">Allows a report at the EMS Agency level to determine credential details on EMS Personnel.</a>	Initial certification date of personnel's current State certification  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[date/time]</b>  <ul style="list-style-type: none"> <li>• <b>Format: MMDDYYYY</b></li> <li>• <b>Associated with D8.1</b></li> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<b>D8.19 Total Length of Service</b>  <b>Possible Reports:</b> <a href="#">Provides descriptive data on EMS Personnel.</a> <a href="#">Allows a report at the EMS Agency level to determine credential details on EMS Personnel.</a>	The personnel's total length of EMS service at any level  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	<b>[number]</b>  <ul style="list-style-type: none"> <li>• <b>Associated with D8.1</b></li> <li>• <b>Nullable=See D0</b></li> </ul>
<input type="checkbox"/>	<b>D8.20 Date Length of Service Documented</b>	The end date service was based on.  <b>Collected by:</b> The EMS Agency and typically only documented once and verified and	<b>[date/time]</b>  <ul style="list-style-type: none"> <li>• <b>Nullable=See D0</b></li> </ul>

NDB	Data Element Name	Definition	Values
		updated yearly or when changed.	
<b>Section D9: Medical Device Information</b>			
<input type="checkbox"/>	<b>D9.1 Device Serial Number</b>  <u>Possible Reports:</u> <a href="#">Allows EMS agencies to track medical devices and report on each devices specific usage.</a>	The unique manufacturers serial number associated with a medical device  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed. Could be provided by the Medical Device during electronic transmission of data.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>Multiple entry configuration to allow multiple Medical Devices to be entered.</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D9.2 Device Name or ID</b>  <u>Possible Reports:</u> <a href="#">Allows EMS agencies to track medical devices and report on each devices specific usage.</a>	The local name or configurable ID/Name of the medical device  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed. Could be provided by the Medical Device during electronic transmission of data.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>Associated with D9.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D9.3 Device Manufacturer</b>  <u>Possible Reports:</u> <a href="#">Allows EMS agencies to track medical devices and report on medical device types used by the agency</a>	The manufacturer of the medical device  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>Associated with D9.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D9.4 Model Number</b>  <u>Possible Reports:</u> <a href="#">Allows EMS agencies to track medical devices and report on medical device types used by the agency</a>	The specific manufacturer's model number associated with the medical device  <u>Collected by:</u> The EMS Agency and typically only documented once and verified and updated yearly or when changed. Could be provided by the Medical Device during electronic transmission of data.	[ <b>text</b> ]  <ul style="list-style-type: none"> <li>Associated with D9.1</li> <li>Nullable=See D0</li> </ul>
<input type="checkbox"/>	<b>D9.5 Device Purchase</b>	The date the device was	[ <b>date/time</b> ]

NDB	Data Element Name	Definition	Values
	<b>Date</b>  <u>Possible Reports:</u> <u>Allows EMS agencies to track medical devices and report on each devices age and life expectancy.</u>	<p>purchased by the EMS agency.</p> <p><u>Collected by:</u>  The EMS Agency and typically only documented once and verified and updated yearly or when changed.</p>	<ul style="list-style-type: none"> <li>• <b>Associated with D9.1</b></li> <li>• <b>Nullable=See D0</b></li> </ul>